



COUNTY OF HUMBOLDT
PLANNING AND BUILDING DEPARTMENT
CURRENT PLANNING DIVISION

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Phone: (707)445-7541 Fax: (707) 268-3792

Hearing Date: July 15, 2021

To: Humboldt County Zoning Administrator

From: Cliff Johnson, Supervising Planner

Subject: **Christopher Cameron Special Permit**
Record Number: PLN-11005-SP
Assessor's Parcel Number (APN): 211-401-017
2464 Salmon Creek Road, Miranda area

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Please contact Jenifer King, Assigned Planner, at (916) 414-5800 or by email at Jenifer.king@aecom.com, if you have any questions about the scheduled public hearing item.

AGENDA ITEM TRANSMITTAL

Hearing Date	Subject	Contact
July 15, 2021	Special Permit	Jenifer King

Project Description: A Special Permit for continued cultivation of 7,566 square feet (SF) cannabis cultivation of which 4,566 SF is full-sun outdoor and 3,000 SF is mixed-light with appurtenant drying and processing activities. Ancillary propagation occurs within three (3) 216 SF greenhouses, with additional propagation to occur within a portion of a proposed 4,000-square-foot metal building. Estimated annual water usage is 149,640 gallons. Irrigation water is sourced from a permitted onsite groundwater well. Existing available water storage is 23,500 gallons in a series of hard-sided tanks. All processing will occur onsite within the proposed metal building. No employees are currently used for cultivation operations. Power is provided by a generator.

Project Location: The project site is located in the Miranda area, on the west side of Salmon Creek Road, approximately 0.4 miles from the intersection of U.S. Highway 101 and Salmon Creek Road, on the property known as 2464 Salmon Creek Road, Miranda.

Present Plan Land Use Designations: Residential Agriculture (RA5-20) Density: 5 to 20 acres per dwelling unit, Slope Stability: Low Instability (1) and Moderate Instability (2).

Present Zoning: Unclassified (U)

Record Number: PLN-11005-SP

Assessor's Parcel Number: 211-401-017

Applicant

Christopher Cameron
P.O. Box 942
Cloverdale, CA 95425

Owner

Same as Applicant

Agents

Cannabusiness Law, Inc.
755 Baywood Drive, 2nd Floor
Petaluma, CA 94954

Environmental Review: An Addendum to a previously adopted Mitigated Negative Declaration has been prepared for consideration per §15164 of the State CEQA Guidelines.

State Appeal Status: Project is NOT appealable to the California Coastal Commission.

Major Issues: None.

Christopher Cameron
Record Number: PLN-11005-SP
Assessor's Parcel Number: 211-401-017

Recommended Zoning Administrator Action:

1. Describe the application as part of the Consent Agenda.
2. Survey the audience for any person who would like to discuss the application.
3. If no one requests discussion, make the following motion to approve the application as a part of the consent agenda:

Find that the Zoning Administrator has considered the Addendum to the adopted Mitigated Negative Declaration for the Commercial Medical Land Use Ordinance (CCMLUO) as described by Section §15164 of the State CEQA Guidelines, make all of the required findings for approval of the Special Permit and adopt the Resolution approving the Christopher Cameron project as recommended by staff subject to the recommended conditions.

Executive Summary: Christopher Cameron seeks a Special Permit to allow the continued cultivation of 7,566 square feet (SF) cannabis cultivation operation of which 4,566 SF is full-sun outdoor and 3,000 SF is mixed-light in accordance with Humboldt County Code Section 314-55.4 of Chapter 4 of Division I of Title III, Commercial Medical Marijuana Land Use Ordinance (CMMLUO). The site is designated as Residential Agriculture (RA5-20) in the Humboldt County 2017 General Plan Update and zoned Unclassified (U). Cultivation takes place in two (2) mixed-light greenhouses totaling 3,000 SF and one (1) full sun cultivation area totaling 4,566 SF onsite. Three to four harvests occur during a growing season that extends from April through October. All processing will occur onsite in a proposed 4,000 square foot (40'x100') metal building to be utilized for processing, drying, harvest storage, and immature plant area. No employees are currently used for cultivation operations. Power is provided by generator. The operation will be secured behind a gated road and monitored by an independent licensed security company with a camera surveillance system.

The applicant is proposing to relocate cultivation from two historic cultivation sites located on the west and east sides of the subject parcel to the central portion of the subject parcel. The Relocation Report prepared by Timberland Resource Consultants dated October 21, 2019, describes the historic cultivation site on the western portion of the parcel as having slopes between 30 – 40% and the eastern cultivation are as being located within the 30-foot parcel setback (see Attachment 3). Planning staff is supportive of the relocation as the proposed relocation site has slopes less than 30%, is located in an already disturbed area that is outside of riparian buffer, and is located outside of the 30-foot setback requirement to meet FIRE SAFE standards.

Estimated annual water usage is 149,640 gallons (19.8 gal/SF) with peak demand occurring in July and August at approximately 25,800 gallons per month. Water for irrigation is provided by a permitted well (17/18-0163) (Attachment 3). The well is also registered with the California Department of Water Resources (WCR2018-004387). The well is located in the northwest portion of the subject parcel more than 100 feet north of the nearest Streamside Management Area and at a similar elevation. According to the Well Completion Report (see Attachment 3), the well is 220 feet deep and drilled through clay, sandstone and shale. A blank is installed for the first 60 feet of the well and there is screening from 60 - 220 feet. Based on the distance from the nearest watercourse and the use of a blank for casing of the first 60 feet of the well, Planning staff determined the well is likely to be hydrologically disconnected from surface waters and does not require additional water rights from the State Water Resources Control Board and is not subject to forbearance or water storage requirements. Existing available water storage is 23,500 gallons in seven (7) 3,000-gallon water storage tanks and one (1) 2,500-gallon water storage.

A Water Resources Protection Plan (WRPP) was prepared by Timberland Resource Consultants in February 2017 (Attachment 3) that includes recommended best practices for erosion control, monitoring irrigation volumes to prevent runoff, and utilizing a secure storage facility for all cultivation-related materials consistent with the North Coast Regional Water Quality Control Board Order RI-2015-0023 and the State Water Resources Control Board (SWRCB) Cannabis General Order. The WRPP recommends 22

improvements to the subject parcel to bring the property into compliance with State Cannabis Cultivation Policy. The WRPP includes recommendations including but not limited to the installation of additional ditch relief culverts, development of appropriate drainage features for cultivation sites, relocation of spoils piles with erosion control measures during the rainy season, and implementation of water conservation measures according to the State Water Resource and Control Board's water conservation better management practices. The conditions of approval require the applicant to adhere to and implement the recommendations in the WRPP and maintain enrollment in the SWRCB's State Cannabis Cultivation program.

Although Humboldt County's WebGIS shows no mapped streams, the Site Plan shows a stream bisects the southern portion of the property and provides the associated 100-foot Streamside Management Area (SMA) buffer. The cultivation areas are outside of the SMA buffer; however, four (4) of the 3,000-gallon tanks are located within the SMA buffer. As a result, the project is conditioned to relocate the tanks outside of the SMA buffer without the use of machinery and submit a revised plot plan illustrating the new location of the tanks.

A search of CNDDDB biological resources database was performed on November 9, 2020. The only mapped sensitive species potentially onsite was identified as the Western bumble bee, which is included on the CNDDDB mapping due to state rarity of native pollinators; however, due to the project areas having a history of regular disturbance, it is unlikely that there would be a significant loss of habitat as a result of the project. The nearest NSO activity center is located approximately 1.5 miles from the site, lands surrounding the site are heavily forested thus there is high potential for NSO habitat.

The project utilizes mixed-light cultivation techniques that could impact sensitive species, including NSO, that may utilize the potential surrounding habitat, and, as such, the project is conditioned to comply with International Dark-sky Association Standards for lighting zones 0 and and, utilize appropriate infrastructure such as black out tarps so that no light may escape the cultivation areas starting a half hour before sunset and no sooner than a half hour after sunrise. Any security lighting shall be adjusted so that no light spillage or up-glare spills off the property to neighboring residences. The project is proposed to make use of a generator onsite to power cultivation, drying, and processing equipment and machinery. All equipment utilized in conjunction with the proposed commercial activity including but not limited to generators, fans, dehumidifiers, heaters, etc. is required to comply with the performance standards set by Department Policy Statement No. 16-005 clarifying CMMLUO Section 55.4.11 (o) which requires noise levels be at or below 50 dB at 100 feet or edge of habitat whichever is closer to the noise source. Furthermore, the project is conditioned to refrain from using synthetic netting, ensure refuse is contained in wildlife proof storage, and refrain from using anticoagulant rodenticides to further protect wildlife.

Access to the site is by Salmon Creek Road via U.S. Highway 101. A Road Evaluation Report for the Salmon Creek Road, prepared by the applicant in April 2019 (Attachment 3), indicates Salmon Creek Road is a County-maintained road and can accommodate the project. No additional traffic is anticipated as there are no employees, therefore, the project will not result in additional traffic that could exacerbate roadway deterioration. Conditions of approval require the applicant to improve the directly intersection of the driveway with Salmon Creek Road to meet commercial standards.

Environmental review for this project was conducted and based on the results of that analysis, staff finds that all aspects of the project have been considered in a previously adopted Mitigated Negative Declaration that was adopted for the Commercial Medical Marijuana Land Use Ordinance and has prepared an addendum to this document for consideration by the Zoning Administrator (See Attachment 2 for more information).

Staff recommends that the Zoning Administrator describe the application as a part of the consent agenda, survey the audience to see if any person would like to discuss the application and, if no one requests discussion, make all the required findings based on the evidence in the record and approve the application subject to the recommended conditions.

Alternatives: Several alternatives may be considered: 1) The Zoning Administrator could elect not to hear this item and put the decision making in front of the Planning Commission. Any decision to place this matter before the Planning Commission must be done before opening the public hearing on this project; 2) The Zoning Administrator could elect to add or delete conditions of approval; 3) The Zoning Administrator could deny approval of the requested permits if you are unable to make all of the required findings. Planning Division staff is confident that the required findings can be made based on the submitted evidence and subject to the recommended conditions of approval. Consequently, planning staff does not recommend further consideration of these alternatives.

**DRAFT RESOLUTION OF THE ZONING ADMINISTRATOR
OF THE COUNTY OF HUMBOLDT
Resolution Number 21-
Record Number PLN-11005-SP
Assessor's Parcel Number: 211-401-017**

Resolution by the Zoning Administrator of the County of Humboldt certifying compliance with the California Environmental Quality Act and conditionally approving the Christopher Cameron Special Permit request.

WHEREAS, Christopher Cameron submitted an application and evidence in support of approving a Special Permit for continued cultivation of 7,566 square feet (SF) cannabis cultivation of which 4,566 SF is full-sun outdoor and 3,000 SF is mixed-light with appurtenant drying and processing activities. Ancillary propagation occurs within three (3) 216 SF greenhouses, with additional propagation to occur within a portion of a proposed 4,000-square-foot metal building. Estimated annual water usage is 149,640 gallons. Irrigation water is sourced from a permitted onsite groundwater well. Existing available water storage is 23,500 gallons in a series of hard-sided tanks. All processing will occur onsite within the proposed metal building. No employees are currently used for cultivation operations. Power is provided by a generator; and

WHEREAS, the County Planning Division, the lead agency, prepared an Addendum to the Final Mitigated Negative Declaration (MND) prepared for the Commercial Medical Marijuana Land Use Ordinance (CMMLUO) adopted by the Humboldt County Board of Supervisors on January 26, 2016. The proposed project does not present substantial changes that would require major revisions to the previous Mitigated Negative Declaration. No new information of substantial importance that was not known and could not be known at the time was presented as described by §15162(c) of CEQA Guidelines; and

WHEREAS, the Humboldt County Zoning Administrator held a duly-noticed public hearing on July 15, 2021, and reviewed, considered, and discussed the application for a Special Permit and reviewed and considered all evidence and testimony presented at the hearing.

Now, THEREFORE BE IT RESOLVED, that the Zoning Administrator makes all the following findings:

- 1. FINDING:** **Project Description:** The application is a Special Permit for continued cultivation of 7,566 square feet (SF) cannabis cultivation of which 4,566 SF is full-sun outdoor and 3,000 SF is mixed-light with appurtenant drying and processing activities. Ancillary propagation occurs within three (3) 216 SF greenhouses, with additional propagation to occur within a portion of a proposed 4,000-square-foot metal building. Estimated annual water usage is 149,640 gallons. Irrigation water is sourced from a permitted onsite groundwater well. Existing available water storage is 23,500 gallons in a series of hard-sided tanks. All processing will occur onsite within the proposed metal building. No employees are currently used for cultivation operations. Power is provided by a generator.

EVIDENCE: a) Project File: PLN-11005-SP

- 2. FINDING:** **CEQA.** The requirements of the California Environmental Quality Act have been complied with. The Humboldt County Planning Commission has considered the Addendum to and the Mitigated Negative Declaration (MND) prepared for the Commercial Medical Marijuana Land Use Ordinance (CMMLUO) adopted by the Humboldt County Board of Supervisors on January 26, 2016.

EVIDENCE: a) Addendum Prepared for the proposed project.

- b) The proposed project does not present substantial changes that would require major revisions to the previous MND. No new information of substantial importance that was not known and could not be known at the time was presented as described by §15162(c) of CEQA Guidelines.

- c) A Water Resources Protection Plan was prepared by Timberland Resources Consultants in February 2017 to fulfill the North Coast Regional Water Quality Control Board Order No. R1-2015-0023. The project is conditioned to implement all corrective actions detailed in the WRPP. Conditions of approval require the applicant to adhere to and implement the recommendations in the WRPP and maintain enrollment in the State Cannabis Policy.
- d) A search of CNDDDB biological resources database was performed on November 9, 2020. One sensitive species (the Western bumble bee) is mapped as having the potential to be located onsite, but due to the project areas having a history of regular disturbance, it is unlikely that there would be a significant loss of habitat as a result of the project. Although the nearest NSO activity center is located approximately 1.5 miles from the site, lands surrounding the site are heavily forested thus there is high potential for NSO habitat. Conditions of approval will require noise to be at or below 50 decibels at 100 feet or edge of habitat whichever is closer to comply with the performance standards set by Department Policy Statement No. 16-005 clarifying CMMLUO Section 55.4.11 (o), as well as to comply with International Dark-sky Association Standards for any onsite lighting. Furthermore, the project is conditioned to implement all corrective actions contained in the WRPP and to relocate four (4) existing 3,000-gallon water tanks from within the SMA boundaries in order to further minimize any potential biological impacts.
- e) The project was referred by the County to the Northwest Information Center (NWIC), Bear River Band of the Rohnerville Rancheria, and the Intertribal Sinkyone Wilderness Council in September 2019. The NWIC noted that no prior cultural resource studies have been conducted onsite and the project area has the possibility of containing unrecorded resources. In the response received from the Bear River Band of the Rohnerville Rancheria, inclusion of the Inadvertent Discoveries Protocol was recommended and has been incorporated as a condition of approval.
- f) A Road Evaluation Report was prepared for Salmon Creek Road and self-certified by the applicant in April 2019 which identified that the road is developed to Category 4 road standards and is suitable for safe access to and from the project site. Conditions of approval require the applicant to improve the intersection of the driveway with Salmon Creek Road to meet commercial standards as required by the Department of Public Works.

FINDINGS FOR SPECIAL PERMIT

3. FINDING The proposed development is in conformance with the County General Plan, Open Space Plan, and the Open Space Action Program.

EVIDENCE a) General agriculture is a use type permitted in the Residential Agriculture (RA) land use designation. The proposed cannabis cultivation, an agricultural product, is within land planned for agricultural purposes, consistent with the use of Open Space land for managed production of resources. The use of an agricultural parcel for commercial agriculture is consistent with the Open Space Plan and Open Space Action Program. Therefore, the project is consistent with and complimentary to the Open Space Plan and its Open Space Action Program.

4. FINDING The proposed development is consistent with the purposes of the existing U zone in which the site is located.

EVIDENCE a) The Unclassified or U Zone is intended to be applied to areas of the County in which general agriculture residential uses are the desirable predominant uses.

b) All general agricultural uses are principally permitted in the U zone.

- c) Humboldt County Code (HCC) section 314-55.4.8.2.2 allows cultivation of up to 10,000 square feet of existing outdoor cannabis and up to 10,000 square feet of existing mixed-light cannabis on a parcel over 1 acre subject to approval of a Special Permit and a determination that the cultivation was in existence prior to January 1, 2016. The application for 7,566 square feet of cultivation on a 10.8-acre parcel is consistent with this and with the cultivation area verification prepared by the County.

5. FINDING The proposed development is consistent with the requirements of the CMMLUO Provisions of the Zoning Ordinance.

- EVIDENCE**
- a) The CMMLUO allows existing cannabis cultivation to be permitted in areas zoned U (HCC 314-55.4.6.5).
 - b) The parcel was created in compliance with all applicable state and local subdivision regulations, as it was created in its current configuration by Parcel Map No. 3441 located in Book 33 of Parcel Maps, page 78.
 - c) The project will obtain water from a non-diversionary water source. Water for irrigation is provided by a permitted well (17/18-0163). The well is located in the northwest portion of the subject parcel more than 100 feet north of the nearest Streamside Management Area and at a similar elevation. According to the Well Completion Report (see Attachment 3), the well is 220 feet deep and drilled through clay, sandstone and shale. A blank is installed for the first 60 feet of the well and there is screening from 60 -220 feet. Based on the distance from the nearest watercourse and the use of a blank for casing of the first 60 feet of the well, Planning staff determined the well is likely to be hydrologically disconnected from surface waters and does not require additional water rights from the State Water Resources Control Board and is not subject to forbearance or water storage requirements.
 - d) A Road Evaluation Report was completed and self-certified by the applicant in April 2019. The Evaluation addressed Salmon Creek Road, which is a County-maintained road. The road segment evaluated was found to be functionally appropriate for the expected traffic. Conditions of approval require the applicant to improve the intersection of the driveway with Salmon Creek Road to meet commercial standards as required by the Department of Public Works.
 - e) The cultivation of cannabis will not result in the net conversion of timberland. No conversion of timberland has occurred.
 - f) The project includes relocation of historic cultivation areas to the central portion of the parcel. The historic cultivation site on the western portion of the parcel has slopes between 30 – 40% and the eastern cultivation is located within the 30-foot parcel setback. Planning staff is supportive of the relocation as the proposed relocation site has slopes less than 30%, is located in an already disturbed area that is outside of riparian buffer, and is located outside of the 30-foot setback requirement to meet FIRE SAFE standards.
 - g) The location of the cultivation complies with all setbacks required in Section 314-55.4.11.d. It is more than 30 feet from any property line, more than 300 feet from any off-site residence, more than 600 feet from any school, church, public park or Tribal Cultural Resource.

6. FINDING The cultivation of 3,000 square feet of mixed-light and 4,566 square feet of outdoor cannabis cultivation and the conditions under which it may be operated or maintained will not be detrimental to the public health, safety, or welfare or materially injurious to properties or improvements in the vicinity.

- EVIDENCE**
- a) The site is located on road that has been verified to safely accommodate the amount of traffic generated by the proposed cannabis cultivation.
 - b) The site is in a rural part of the County identified for lands with slopes generally less than 30% and good road access, where the typical parcel size is over 40 acres and many of the land holdings are very large. The proposed cannabis will not be in a location where there is an established neighborhood or other sensitive receptor such as a school, church, park or other use which may be sensitive to cannabis cultivation. Approving cultivation on this site and the other sites which have been approved or are in the application process will not change the character of the area due to the large parcel sized in the area.
 - c) The location of the proposed cannabis cultivation is more than 300 feet from the nearest off-site residence.
 - d) Irrigation water will come from an onsite permitted well (17/18-0163). The well is located in the northwest portion of the subject parcel more than 100 feet north of the nearest Streamside Management Area and at a similar elevation. According to the Well Completion Report (see Attachment 3), the well is 220 feet deep and drilled through clay, sandstone and shale. A blank is installed for the first 60 feet of the well and there is screening from 60 -220 feet. Based on the distance from the nearest watercourse and the use of a blank for casing of the first 60 feet of the well, Planning staff determined the well is likely to be hydrologically disconnected from surface waters and does not require additional water rights from the State Water Resources Control Board and is not subject to forbearance or water storage requirements.
 - e) Provisions have been made in the applicant's proposal to protect water quality and thus runoff to adjacent property and infiltration of water to groundwater resources will not be affected.

7. FINDING The proposed development does not reduce the residential density for any parcel below that utilized by the Department of Housing and Community Development in determining compliance with housing element law.

- EVIDENCE**
- a) The parcel was not included in the housing inventory of Humboldt County's 2019 Housing Element. One housing unit is located on the parcel consistent with its land use designation. The proposed project would not preclude the residence from being utilized as such.

DECISION

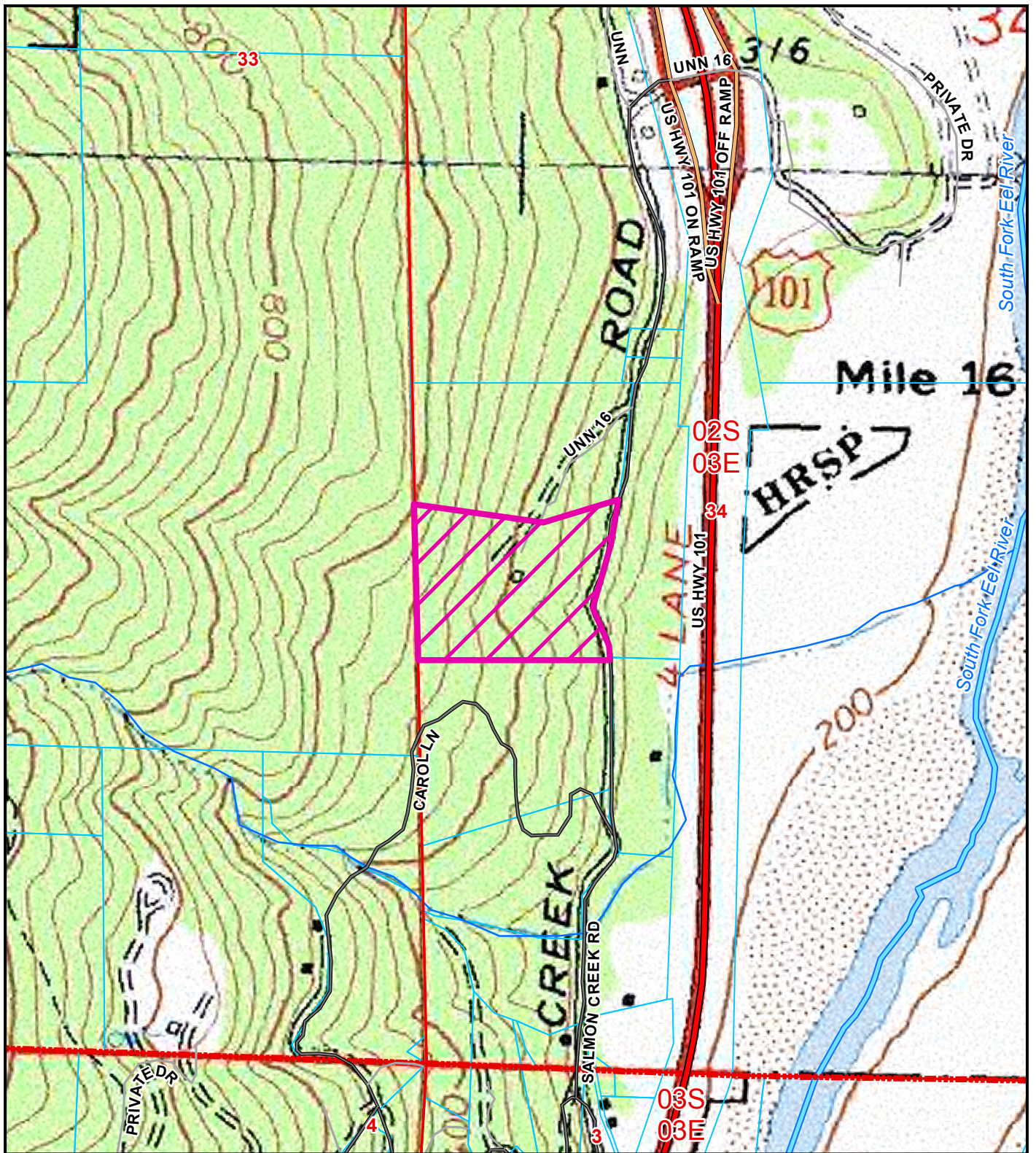
NOW, THEREFORE, based on the above findings and evidence, the Humboldt County Zoning Administrator does hereby:

- Adopt the findings set forth in this resolution; and
- Conditionally approves the Special Permit for Christopher Cameron, based upon the Findings and Evidence and subject to the conditions of approval attached hereto as Attachment 1 and incorporated herein by reference; and

Adopted after review and consideration of all the evidence on July 15, 2021.

I, John Ford, Zoning Administrator of the County of Humboldt, do hereby certify the foregoing to be a true and correct record of the action taken on the above entitled matter by said Zoning Administrator at a meeting held on the date noted above.

John H. Ford, Zoning Administrator,
Planning and Building Department



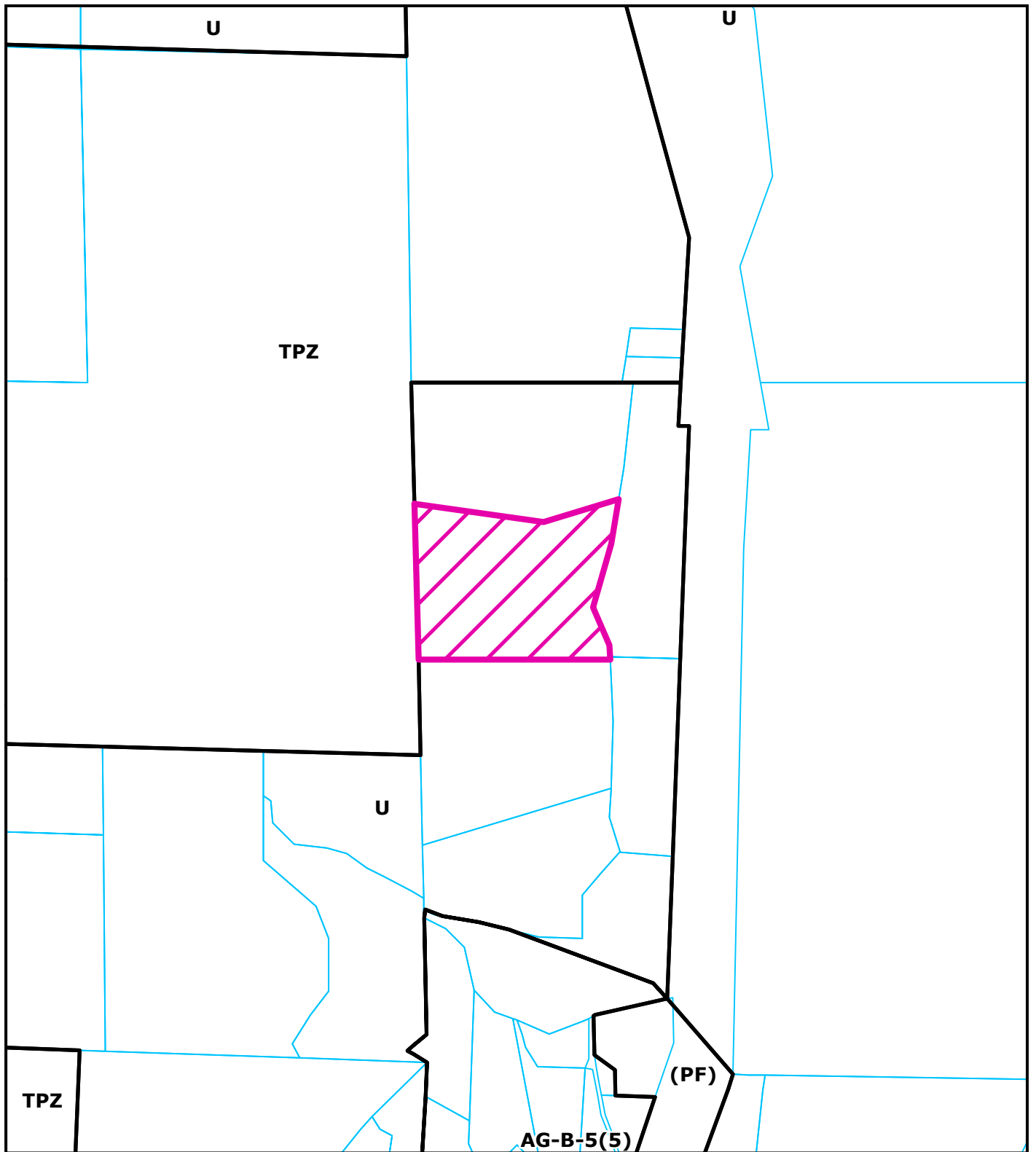
TOPO MAP
PROPOSED CHRISTOPHER CAMERON
MIRANDA AREA
CUP-16-121
APN: 211-401-017-000
T02S R03E S34 HB&M (MIRANDA)

Project Area = 

This map is intended for display purposes and should not be used for precise measurement or navigation. Data has not been completely checked for accuracy.

0 700 1,400 Feet






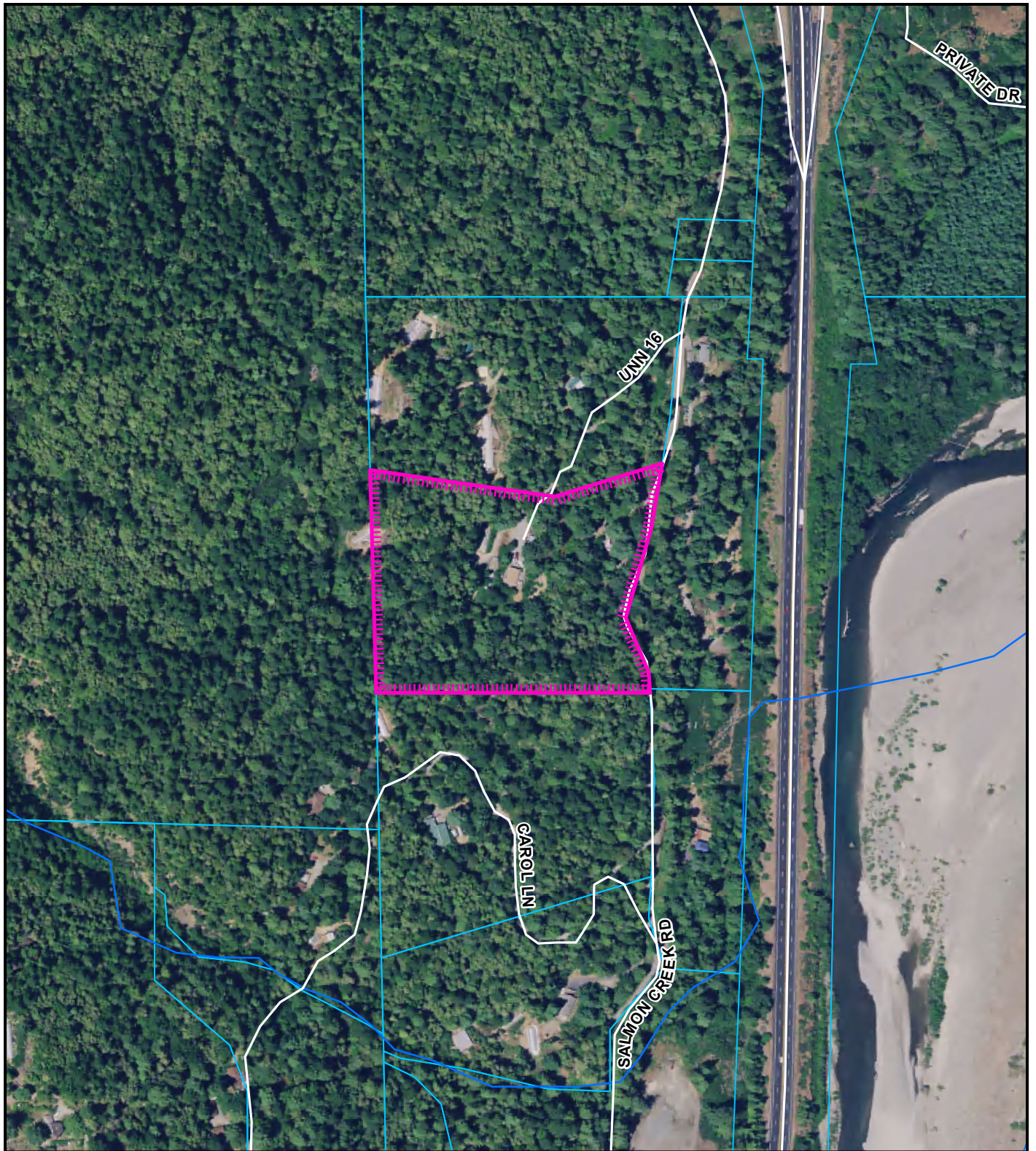
Project Area = 

**ZONING MAP
PROPOSED CHRISTOPHER CAMERON
MIRANDA AREA
CUP-16-121
APN: 211-401-017-000
T02S R03E S34 HB&M (MIRANDA)**

This map is intended for display purposes and should not be used for precise measurement or navigation. Data has not been completely checked for accuracy.

0 700 1,400 Feet



AERIAL MAP
PROPOSED CHRISTOPHER CAMERON
MIRANDA AREA
CUP-16-121
APN: 211-401-017-000
T02S R03E S34 HB&M (MIRANDA)

Project Area = 

This map is intended for display purposes and should not be used for precise measurement or navigation. Data has not been completely checked for accuracy.

0 500 1,000
 Feet



Outdoor:

Cultivation areas will be a total of 7330 sq ft of canopy
4566 sq ft of Outdoor under Permit 11005
2764 sq ft of Outdoor under Permit 12920

Mixed light

- 1- 22' x 63' (1386 sq ft) greenhouse- mixed light cultivation
This area contains three 5.5' x 60' beds (330 sq ft each)
for a total of 990 sq ft of canopy.
- 2- 20' x 54' structure constructed of shipping containers and
wood framed roof used for storage and immature plant
storage- Built in 2010 (pre-existing and permitted)
- 3- Proposed 40' x 100' (4000 sq ft) metal building to be
used for drying, processing, harvest storage and
immature plant area
- 4- Proposed relocation area of 5000 sq ft of cultivation
from Interim Permits 11005 and 12920
- 5- (3) 12' x 18' greenhouses - immature plant propagation
- 6- 25' x 75' (1875 sq ft) terrace- for
proposed mixed light cultivation area
This area contains 3 beds, each are 6' x 75' (450
sq ft each) for a total of 1350 sq ft of canopy
- 7- 30' x 140' (4200 sq ft) terrace- for
proposed mixed light cultivation area
This area will contain 3 beds- each is 6.5' x 136' sq ft
(884 sq ft each) for a total of 2652 sq ft of canopy

8 293 sq ft of mixed light cultivation

Plot Plan Notes:

No Known Easements

No School or School bus stops, places of worship or known tribal cultural
resources within 600 ft of cultivation areas

5293 sq ft Mixed Light cultivation once all revisions are done

3000 sq ft of mixed light cultivation under Permit 11005

2293 sq ft of mixed light cultivation under permit 12920

Applicant: Chris Cameron
Parcel: 211-401-017

Roads are 12'-18' ft wide

Turnout 1= 31.25' wide

Slope: 12%

Turnout 2= 69.25' wide

Slope: Between 1 and 2%

Turnaround / Parkway 3 = 74.5' wide

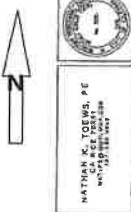
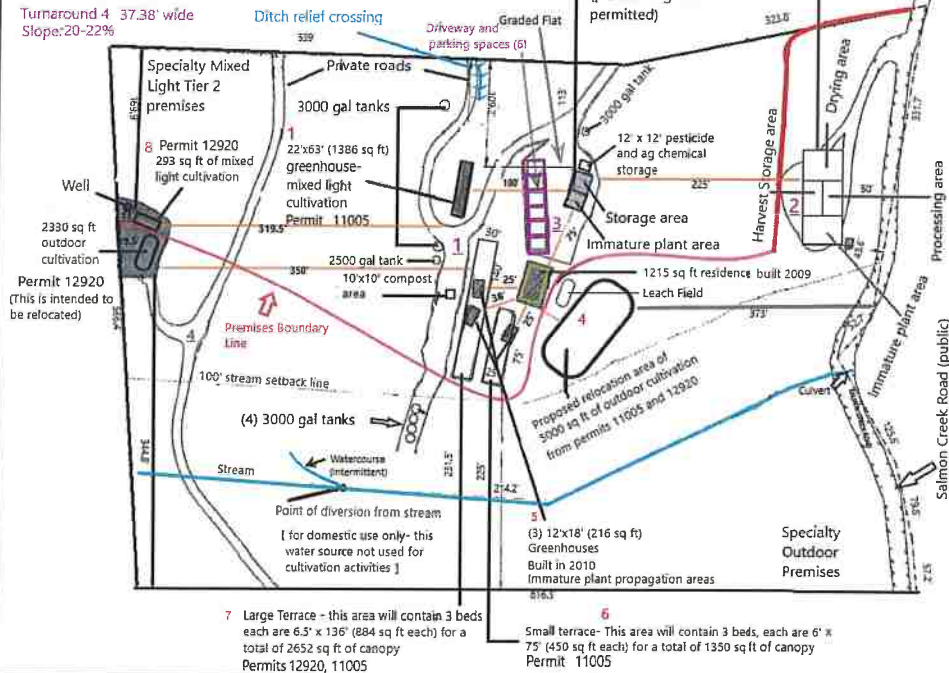
Slope: 0-1%

Turnaround 4 37.38' wide

Slope: 20-22%

- 2 20' x 54' structure constructed of
shipping containers and wood
framed roof used for storage and
immature plant storage- built in 2010
(pre-existing and
permitted)

- 3 Proposed 40' x 100' (4000
sq ft) metal building to be
used for drying, storage
and immature plant area



1" = 100'

On the residence
there is a 2'
overhang.
Approximate square
footage of the floor
area of the house is
1176 ft

Roads are
hardpacked dirt.
Driveway and parking
spaces are gravel
over hardpacked dirt.

Distance to property lines
indicated in black
Distance between structures
indicated in orange
Water elements are
indicated in blue

Turnaround/ Road
Information in purple

- 7 Large Terrace - this area will contain 3 beds
each are 6.5' x 136' (884 sq ft each) for a
total of 2652 sq ft of canopy
Permits 12920, 11005

- 6 Small terrace- This area will contain 3 beds, each are 6' x
75' (450 sq ft each) for a total of 1350 sq ft of canopy
Permit 11005

ATTACHMENT 1

RECOMMENDED CONDITIONS OF APPROVAL

APPROVAL OF THE SPECIAL PERMIT IS CONDITIONED ON THE FOLLOWING TERMS AND REQUIREMENTS WHICH MUST BE SATISFIED BEFORE THE PROVISIONAL CANNABIS CULTIVATION PERMIT CAN BE FINALIZED.

A. General Conditions

1. The applicant is responsible for obtaining all necessary County and State permits and licenses, and for meeting all requirements set forth by other regulatory agencies.
2. The applicant is required to pay for permit processing on a time and material basis as set forth in the schedule of fees and charges as adopted by ordinance of the Humboldt County Board of Supervisors. The Planning and Building Department will provide a bill to the applicant after the decision. Any and all outstanding planning fees to cover the processing of the application to decision by the Hearing Officer shall be paid to the Humboldt County Planning Division, 3015 "H" Street, Eureka.
3. The Applicant is responsible for costs for post-approval review for determining project conformance with conditions. A deposit is collected to cover this staff review. Permit conformance with conditions must be demonstrated prior to release of building permit or initiation of use and at time of annual inspection. A conformance review deposit as set forth in the schedule of fees and charges as adopted by ordinance of the Humboldt County Board of Supervisors (currently \$750) shall be paid within sixty (60) days of the effective date of the permit or upon filing of the Compliance Agreement (where applicable), whichever occurs first. Payment shall be made to the Humboldt County Planning Division, 3015 "H" Street, Eureka.
4. A Notice of Determination (NOD) will be prepared and filed with the County Clerk for this project in accordance with the State CEQA Guidelines. **Within three days of the effective date of permit approval**, it is requested that the applicant submit a check or money order for the required filing fee in the amount of \$50 payable to the Humboldt County Clerk/Recorder. If this payment is not received within this time period, the Department will file the NOD and will charge this cost to the project.
5. Within 90 days of the effective date of permit approval or issuance of a building permit, whichever comes first, the applicant shall submit a revised plot plan prepared by a licensed surveyor showing the following, in addition to what is shown:
 - a. Remove project details related to Cannabis Permit Application 12920.
 - b. Exact setback distances for cultivation areas as proposed from property boundary lines.
 - c. Buffers/setback distances for natural waterways, including streams, springs, and ponds in conformance with the Streamside Management Area and Wetlands Ordinance (SMAWO) definition in HHC Section 314-6.1 as follows:
 - (1) 100 feet measured as the horizontal distance from the top of bank or edge of riparian dripline whichever is greater on either side of perennial streams.
 - (2) 50 feet measured as the horizontal distance from the top of bank or edge of riparian dripline whichever is greater on either side of intermittent streams.
 - (3) The width of the SMA shall not exceed 200 feet measured as a horizontal distance from the top of bank. The width of Streamside Management Areas shall be expanded to up to 200 feet measured as the horizontal distance from the top of bank as necessary to include slides or areas with visible evidence of slope instability.
 - (4) 50 feet for seasonal wetlands.
 - (5) 150 feet from perennial wetlands.
 - d. Update notes and include a depiction of the Non-Exclusive easement for the use of a water line and spring 10-feet in width, dedicated for the benefit of "Parcel 2" created by Parcel Map No. 3441 recorded in PM book 33 page 78.

- e. Depict the location of storage and use for the onsite generator(s).
 - f. Proposed location of the four (4) existing 3,000-gallon water storage tanks to be relocated out of the SMA buffer.
6. Within 60 days of the effective date of permit approval, the applicant shall execute a Compliance Agreement with the Humboldt County Planning and Building Department detailing all necessary permits and infrastructure improvements described under Conditions of Approval #7 through #17. The agreement shall provide a timeline for completing all outstanding items. All activities detailed under the agreement must be completed to the satisfaction of the Planning and Building Department before the permit may be finalized and no longer considered provisional.
 7. The applicant shall secure permits for all structures and grading related to the cannabis cultivation and other commercial cannabis activity, including but not limited to, water tanks over 5,000 gallons (if any), graded flats and existing and proposed structures associated with drying and storage or any activity with a nexus to cannabis, as necessary. The plans submitted for building permit approval shall be consistent with the project description and the approved project site plan. A letter or similar communication from the Building Division verifying that all structures related to the cannabis cultivation are permitted will satisfy this condition.
 8. The applicant shall secure permits and install an onsite sewage disposal systems and restroom facilities prior to processing onsite. Portable toilet and handwashing facilities may be utilized during the construction of these improvements. The applicant shall furnish receipts or other documentation to the DEH for the continual use of portable toilets for employees until a permanent septic system is installed to their satisfaction. A letter or similar communication from DEH verifying that all their requirements have been met will satisfy this condition.
 9. The applicant shall improve the intersection of the driveway of the subject parcel with Salmon Creek Road to meet commercial road standards to the satisfaction of the Department of Public Works (DPW). Prior to commencing work, the applicant shall obtain an encroachment permit from DPW. The applicant shall adhere to and implement the requirements of the encroachment permit when completing the improvements. A sign-off from DPW shall satisfy this condition.
 10. The applicant shall obtain a Final Streambed Alteration Agreement from the California Department of Fish and Wildlife for projects under their jurisdiction, including, but not limited to culvert replacement and/or maintenance. The applicant shall adhere to and implement the Final Streambed Alteration Agreement issued by CDFW. Reporting requirements shall be submitted to the Planning Department and the California Department of Fish and Wildlife at 619 Second Street, Eureka, CA 95501, no later than December 31 of each year.
 11. The applicant shall implement all corrective actions detailed in the Water Resource Protection Plan (WRPP) developed for the parcel, prepared pursuant to a Tier 2 enrollment under the North Coast Regional Water Quality Control Board (NCRWQCB).
 12. The applicant shall implement all corrective actions detailed in the Site Management Plan developed for the parcel, prepared pursuant to Tier 1 enrollment under the State Water Resource Control Board (State Water Board) Cannabis Cultivation Policy (Cannabis Policy), in congruence with Order WQ 2017-0023-DWQ General Waste Discharge Requirements for Dischargers of Waste Associated with Cannabis Cultivation Activities (General Order). A letter or similar communication from the State Water Board verifying that all their requirements have been met will satisfy this condition.
 13. The applicant shall construct noise containment structures for all generators used on the parcel. The applicant shall obtain all required building permits for such structures. The applicant shall maintain generator, fan, and dehumidifier noise at or below 50 decibels at the edge of the clearing or 100 feet, whichever distance is closer. This will satisfy the auditory disturbance guidance prepared by the U.S. Fish and Wildlife (USFS), California Fish and Wildlife (CDFW) and Department Policy Statement No. 16-005 to minimize impacts to the Northern Spotted Owl and Marbled murrelet. All generators must

be located on stable surfaces with a minimum 200-foot buffer from Class I and Class II streams, per the requirements of CDFW. No generator use is authorized by this permit until the applicant can demonstrate to compliance with this standard.

14. All artificial lighting used for propagation shall comply with International Dark Sky Association standards for Lighting Zone 0 and Lighting Zone 1 and be designed to regulate light spillage onto neighboring properties resulting from backlight, up light, or glare (BUG). International Dark Sky Association standards exceed the requirements of Scenic Resources Standard SR-S4, Light and Glare, that lighting be fully shielded, and designed and installed to minimize offsite lighting and direct light within the property boundaries. Within 30 days of the effective date of this permit, the applicant shall schedule a site inspection with the Humboldt County Planning Department to demonstrate the structures and greenhouses can be comply with this standard.
15. The applicant shall install and utilize a water meter to demonstrate that there is sufficient water supply to meet the demands of the project. The water use for cultivation is limited to the use of the well and amount of water available in storage tanks and shall be provided annually prior to or during the annual inspection.
16. The applicant shall cause to be recorded an "ACKNOWLEDGMENT OF NO AVAILABLE EMERGENCY RESPONSE AND FIRE SUPPRESSION SERVICES" for the parcel(s) on a form provided by the Humboldt County Planning Division. Document review fees as set forth in the schedule of fees and charges as adopted by ordinance of the Humboldt County Board of Supervisors will be required.
17. The applicant shall be compliant with the County of Humboldt's Certified Unified Program Agency (CUPA) requirements regarding hazardous materials. A written verification of compliance shall be required before any provisional permits may be finalized. Ongoing proof of compliance with this condition shall be required at each annual inspection in order to keep the permit valid.
18. The applicant shall execute and file with the Planning Division the statement titled, "Notice and Acknowledgment regarding Agricultural Activities in Humboldt County," ("Right to Farm" ordinance) as required by the HCC and available at the Planning Division.

B. Ongoing Requirements/Development Restrictions Which Must be Satisfied for the Life of the Project:

1. The combination of background, generator, or other operational equipment created noise must not result in the harassment of Northern Spotted Owl species as required to meet the performance standards for noise set by Department Policy Statement No. 16-005 clarifying CMMLUO Section 55.4.11 (o) requirements. The combined noise levels measured at 100 feet or the edge of habitat, whichever is closer, shall be at or below 50 decibels. Conformance will be evaluated using current auditory disturbance guidance prepared by the United State Fish and Wildlife Service, and further consultation where necessary. A building permit shall be obtained should any structures be necessary for noise attenuation.
2. All artificial lighting shall be fully contained within structures such that no light escapes (e.g., through blackout curtains). Structures shall be enclosed between 30 minutes prior to sunset and 30 minutes after sunrise to prevent disruption to crepuscular wildlife. Security lighting shall be motion activated and comply with the International Dark-Sky Association standards and Fixture Seal of Approval Program; see: <https://www.darksky.org/our-work/lighting/lighting-for-citizens/lighting-basics/>. Standards include but are not limited to the following, 1) light shall be shielded and downward facing, 2) shall consist of Low Pressure Sodium (LPS) light or low spectrum Light Emitting Diodes (LED) with a color temperature of 3,000 kelvins or less and 3) only placed where needed.
3. Prohibition on use of synthetic netting. To minimize the risk of wildlife entrapment, Permittee shall not use any erosion control and/or cultivation materials that contain synthetic (e.g., plastic or

nylon) netting, including photo- or biodegradable plastic netting. Geotextiles, fiber rolls, and other erosion control measures shall be made of loose-weave mesh, such as jute, hemp, coconut (coir) fiber, or other products without welded weaves.

4. All refuse shall be contained in wildlife proof storage containers, at all times, and disposed of at an authorized waste management facility.
5. Should any wildlife be encountered during work activities, the wildlife shall not be disturbed and be allowed to leave the work site unharmed.
6. All driveways and private road intersections onto the County Road shall be maintained in accordance with County Code Section 341-1 (Sight Visibility Ordinance).
7. Any existing or proposed non-county maintained access roads that will serve as access for the proposed project that connect to a county maintained road shall be improved to current standards for a commercial driveway. An encroachment permit shall be issued by the Department of Public Works prior to commencement of any work in the County maintained right of way.
 - If the County road has a paved surface at the location of the driveway, the driveway apron shall be paved for a minimum width of 18 feet and a length of 50 feet.
 - This condition shall be completed to the satisfaction of the Department of Public Works prior to commencing operations, final sign-off for a building permit, or Public Works approval for a business license.
8. The use of anticoagulant rodenticide is prohibited.
9. All components of project shall be developed, operated, and maintained in conformance with the Project Description, the approved Site Plan, the Plan of Operations, and these conditions of approval. Changes shall require modification of this permit except where consistent with Humboldt County Code Section 312-11.1, Minor Deviations to Approved Plot Plan. If offsite processing is chosen to be the preferred method of processing, this permit shall be modified to identify the offsite licensed facility.
10. Within 90 days of permit approval, documentation of the offsite licensed processing or manufacturing facility where processing will occur shall be submitted to the County and this permit shall be modified to identify the offsite licensed facility.
11. Cannabis cultivation and other commercial cannabis activity shall be conducted in compliance with all laws and regulations as set forth in the CMMLUO and Medicinal and Adult-Use Cannabis Regulation and Safety Act (MAUCRSA), as applicable to the permit type.
12. If operating pursuant to a written approved compliance agreement, permittee shall abate or cure violations at the earliest feasible date, but in no event no more than two (2) years from the date of issuance of a provisional clearance or permit. Permittee shall provide plans for curing such violations to the Planning and Building Department within one (1) year of issuance of the provisional clearance or permit. If good faith effort toward compliance can be shown within the two years following the issuance of the provisional clearance or permit, the Department may, at the discretion of the Director, provide for extensions of the provisional permit to allow additional time to meet the outstanding requirements.
13. Possession of a current, valid required license, or licenses, issued by any agency of the State of California in accordance with the MAUCRSA, and regulations promulgated thereunder, as soon as such licenses become available.
14. Compliance with all statutes, regulations, and requirements of the California State Water Resources Control Board and the Division of Water Rights, at a minimum to include a statement of diversion of surface water from a stream, river, underground stream, or other watercourse

required by Water Code Section 5101, or other applicable permit, license, or registration, as applicable.

15. Confinement of the area of cannabis cultivation, processing, manufacture, or distribution to the locations depicted on the approved site plan. The commercial cannabis activity shall be set back at least 30 feet from any property line, and 600 feet from any school, school bus stop, church or other place of religious worship, or tribal cultural resources, except where a reduction to this setback has been approved pursuant to Section 55.4.11(d).
16. Maintain enrollment in Tier 1, 2, or 3, certification with North Coast Regional Water Quality Control Board (RWQCB) Order No. R1-2015-0023, if applicable, or any substantially equivalent rule that may be subsequently adopted by the County of Humboldt or other responsible agency.
17. Comply with the terms of any applicable Lake and Stream Alteration (1600 or 1602) Permit obtained from the California Department of Fish and Wildlife (CDFW).
18. Comply with the terms of a less-than-3-acre conversion exemption or timberland conversion permit, approved by the California Department of Forestry and Fire Protection (Cal Fire), if applicable.
19. Consent to an annual on-site compliance inspection, with at least 24 hours prior notice, to be conducted by appropriate County officials during regular business hours (Monday through Friday, 9:00 a.m. to 5:00 p.m., excluding holidays).
20. Refrain from the improper storage or use of any fuels, fertilizer, pesticide, fungicide, rodenticide, or herbicide.
21. Pay all applicable application, review for conformance with conditions and annual inspection fees.
22. Fuel shall be stored and handled in compliance with applicable state and local laws and regulations, including the County of Humboldt's Certified Unified Program Agency (CUPA) program, and in such a way that no spillage occurs.
23. The master log books maintained by the applicant to track production and sales shall be maintained for inspection by the County.
24. Pay all applicable taxes as required by the Humboldt County Commercial Marijuana Cultivation Tax Ordinance (Humboldt County Code Section 719-1 et seq.).

C. Performance Standards for Cultivation and Processing Operations

25. Pursuant to the MAUCRSA, Health and Safety Code Section 19322(a)(9), an applicant seeking a cultivation license shall "provide a statement declaring the applicant is an 'agricultural employer,' as defined in the Alatorre-Zenovich-Dunlap-Berman Agricultural Labor Relations Act of 1975 (Part 3.5 commencing with Section 1140) of Division 2 of the Labor Code), to the extent not prohibited by law."
26. Cultivators shall comply with all applicable federal, state, and local laws and regulations governing California Agricultural Employers, which may include federal and state wage and hour laws, California Occupational Safety and Health Administration (Cal/OSHA), Occupational Safety and Health Administration (OSHA), the California Agricultural Labor Relations Act, and the Humboldt County Code (including the Building Code).
27. Cultivators engaged in processing shall comply with the following Processing Practices:
 - a. Processing operations must be maintained in a clean and sanitary condition including all work surfaces and equipment.

- b. Processing operations must implement protocols which prevent processing contamination and mold and mildew growth on cannabis.
 - c. Employees handling cannabis in processing operations must have access to facemasks and gloves in good operable condition as applicable to their job function.
 - d. Employees must wash hands sufficiently when handling cannabis or use gloves.
28. All persons hiring employees to engage in commercial cannabis cultivation and processing shall comply with the following Employee Safety Practices:
- a. Cultivation operations and processing operations must implement safety protocols and provide all employees with adequate safety training relevant to their specific job functions, which may include:
 - b. Emergency action response planning as necessary;
 - (1) Employee accident reporting and investigation policies;
 - (2) Fire prevention;
 - (3) Hazard communication policies, including maintenance of material safety data sheets (MSDS);
 - (4) Materials handling policies;
 - (5) Job hazard analyses; and
 - (6) Personal protective equipment policies, including respiratory protection.
 - c. Cultivation operations and processing operations must visibly post and maintain an emergency contact list which includes at a minimum:
 - (1) Operation manager contacts;
 - (2) Emergency responder contacts; and
 - (3) Poison control contacts.
 - d. At all times, employees shall have access to safe drinking water and toilets and handwashing facilities that comply with applicable federal, state, and local laws and regulations. Plumbing facilities and water source must be capable of handling increased usage without adverse consequences to neighboring properties or the environment.
 - e. On site-housing provided to employees shall comply with all applicable federal, state, and local laws and regulations.
29. All cultivators shall comply with the approved processing plan as to the following:
- a. Processing practices
 - b. Location where processing will occur
 - c. Number of employees, if any
 - d. Employee Safety Practices
 - e. Toilet and handwashing facilities
 - f. Plumbing and/or septic system and whether or not the system is capable of handling increased usage
 - g. Drinking water for employees
 - h. Plan to minimize impact from increased road use resulting from processing
 - i. On-site housing, if any
30. Term of Commercial Cannabis Activity Special Permit. Any Commercial Cannabis Cultivation SP issued pursuant to the CMMLUO shall expire one (1) year after date of issuance, and on the anniversary date of such issuance each year thereafter, unless an annual compliance inspection has been conducted and the permittees and the permitted site have been found to comply with all conditions of approval.
31. If the inspector or other County official determines that the permittees or site do not comply with the conditions of approval, the inspector shall serve the permit holder with a written statement identifying the items not in compliance, and the action that the permit holder may take to cure the noncompliance, or file an appeal within ten (10) days of the date that the written statement is delivered to the permit holder. Personal delivery or mailing the written statement to the mailing address listed on the application by regular mail, plus three (3) days after date of mailing, shall constitute delivery. The permit holder may request a reinspection to determine whether or not

the permit holder has cured all issues of noncompliance. Failure to request reinspection or to cure any items of noncompliance shall terminate the Special Permit, immediately upon the expiration of any appeal period, or final determination of the appeal if an appeal has been timely filed pursuant to Section 55.4.13.

32. Permit Renewals to Comply with Updated Laws and Regulations. Permit renewal is subject to the laws and regulations effective at the time of renewal, which may be substantially different than the regulations currently in place and may require the submittal of additional information to ensure that new standards are met.
33. Acknowledgements to Remain in Full Force and Effect. Permittee acknowledges that the County reserves the right to reduce the size of the area allowed for cultivation under any clearance or permit issued in accordance with this section in the event that environmental conditions, such as a sustained drought or low flows in the watershed in which the cultivation area is located, will not support diversions for irrigation.
34. Transfers. Transfer of any leases or permits approved by this project is subject to the review and approval of the Planning Director for conformance with CMMLUO eligibility requirements and agreement to permit terms and acknowledgments. The fee for required permit transfer review shall accompany the request. The request shall include the following information:
 - a. Identifying information for the new owner(s) and management as required in an initial permit application;
 - b. A written acknowledgment by the new owner in accordance as required for the initial permit application;
 - c. The specific date on which the transfer is to occur;
 - d. Acknowledgement of full responsibility for complying with the existing permit; and
 - e. Execution of an Affidavit of Non-diversion of Medical Cannabis.
35. Inspections. The permit holder and subject property owner are to permit the County or representative(s) or designee(s) to make inspections at any reasonable time deemed necessary to assure that the activities being performed under the authority of this permit are in accordance with the terms and conditions prescribed herein.

D. Informational Notes

1. Pursuant to Section 314-55.4.11(a) of the CMMLUO, if upon inspection for the initial application, violations of any building or other health, safety, or other state or county statute, ordinance, or regulation are discovered, the Planning and Building Department may issue a provisional clearance or permit with a written approved Compliance Agreement. By signing the agreement, the permittee agrees to abate or cure the violations at the earliest opportunity but in no event more than two (2) years after the date of issuance of the provisional clearance or permit. Plans for curing the violations shall be submitted to the Planning and Building Department by the permittee within one (1) year of the issuance of the provisional certificate or permit. The terms of the compliance agreement may be appealed pursuant to Section 314-55.4.13 of the CMMLUO.
2. This provisional permit approval shall expire and become null and void at the expiration of one (1) year after all appeal periods have lapsed (see "Effective Date"), except where the Compliance Agreement per Condition of Approval #6 has been executed and the corrective actions pursuant to the agreement, if any are required, are being undertaken. Once building permits have been secured and/or the use initiated pursuant to the terms of the agreement, the use is subject to the Permit Duration and Renewal provisions set forth in Conditions of Approval #30 and #32 of the Ongoing Requirements/Development Restrictions, above.
3. If cultural resources are encountered during construction activities, the contractor on-site shall cease all work in the immediate area and within a 50-foot buffer of the discovery location. A qualified archaeologist and the appropriate Tribal Historic Preservation Officer(s) are to be contacted to

evaluate the discovery and, in consultation with the applicant and the lead agency, develop a treatment plan in any instance where significant impacts cannot be avoided.

Prehistoric materials may include obsidian or chert flakes, tools, locally darkened midden soils, groundstone artifacts, shellfish or faunal remains, and human burials. If human remains are found, California Health and Safety Code 7050.5 requires that the County Coroner be contacted immediately at 707-445-7242. If the Coroner determines the remains to be Native American, the Native American Heritage Commission will then be contacted by the Coroner to determine appropriate treatment of the remains pursuant to Public Resources Code (PRC) Section 5097.98. Violators shall be prosecuted in accordance with PRC Section 5097.99.

ATTACHMENT 2

**CEQA ADDENDUM TO THE MITIGATED NEGATIVE DECLARATION FOR THE COMMERCIAL MEDICAL
MARIJUANA LAND USE ORDINANCE**

**Commercial Medical Marijuana Land Use Ordinance Mitigated Negative Declaration (MND)
(State Clearinghouse # 2015102005), January 2016**

APN 211-401-017; 2464 Salmon Creek Road, Miranda, County of Humboldt

**Prepared By
Humboldt County Planning and Building Department
3015 H Street, Eureka, CA 95501**

July 2021

Background

Modified Project Description and Project History – The Commercial Medical Marijuana Land Use Ordinance (CMMLUO) established specific regulations for commercial cannabis operations in Humboldt County. These regulations were developed in concert with the Mitigated Negative Declaration (MND) that was adopted for the ordinance in order to implement the mitigation measures of the MND. The MND addressed the broad environmental impacts that could be expected to occur from the adoption and implementation of the ordinance. The MND specified that the regulations established in the CMMLUO would mitigate the impacts of existing cannabis operations by establishing regulations for an existing unregulated land use to help prevent and reduce environmental impacts that are known to result from unpermitted baseline cultivation operations. Commercial cannabis cultivation in existence as of December 31, 2015 was included in the environmental baseline for the MND and the MND states that "Bringing existing operations into compliance will help to attenuate potential environmental effects from existing cultivation activities, including aesthetic impacts resulting from improper operation or poor siting." The current project was contemplated by the MND and compliance with the provisions of the CMMLUO will fully mitigate all environmental impacts of the project to a less than significant level.

The project involves a Special Permit (PLN-11005-SP) for an existing 7,566 square foot (SF) cannabis cultivation operation of which 4,566 SF is full-sun outdoor and 3,000 SF is mixed-light. Irrigation water is sourced from a permitted onsite groundwater well (17/18-0163). Existing available water storage consists of seven (7) 3,000-gallon water storage tanks and one (1) 2,500-gallon water storage tank for a total of 23,500 gallons of water storage. Estimated annual water usage is approximately 149,640 gallons (19.8 gal/SF). All processing will occur onsite. No employees are currently used for cultivation operations. Power is provided by a generator.

The applicant is proposing to relocate cultivation from two historic cultivation sites located on the west and east sides of the subject parcel to the central portion of the subject parcel. The Relocation Report prepared by Timberland Resource Consultants dated October 21, 2019, describes the historic cultivation site on the western portion of the parcel as having slopes between 30 – 40% and the eastern cultivation are as being located within the 30-foot parcel setback (see Attachment 3). Planning staff is supportive of the relocation as the proposed relocation site has slopes less than 30%, is located in an already disturbed area that is outside of riparian buffer, and is located outside of the 30-foot setback requirement to meet FIRE SAFE standards.

Although Humboldt County's WebGIS shows no mapped streams, the Site Plan shows a stream bisects the southern portion of the property and provides the associated 100-foot Streamside Management Area (SMA) buffer. The cultivation areas are outside of the SMA buffer; however, four (4) of the 3,000-gallon tanks are located within the SMA buffer. As a result, the project is conditioned to relocate the tanks outside of the SMA buffer without the use of machinery and submit a revised plot plan illustrating the new location of the tanks. The conditions of approval require the applicant to adhere to and implement the recommendations in the WRPP and maintain enrollment in the SWRCB's State Cannabis Cultivation program.

A search of CNDDDB biological resources database was performed on November 9, 2020. The only mapped sensitive species potentially onsite was identified as the Western bumble bee, which is included on the CNDDDB mapping due to state rarity of native pollinators; however, due to the project areas having a history of regular disturbance, it is unlikely that there would be a significant loss of habitat as a result of the project. The nearest NSO activity center is located approximately 1.5 miles from the site, lands surrounding the site are heavily forested thus there is potential for NSO habitat. The project utilizes mixed-light cultivation techniques that could impact sensitive species, including NSO, that may utilize the potential surrounding habitat, and, as such, the project is conditioned to comply with International Dark-sky Association Standards for lighting zones 0 and and, utilize appropriate infrastructure such as black out tarps so that no light may escape the cultivation areas starting a half hour before sunset and no sooner than a half hour after sunrise.

The project was referred to the Northwest Information Center (NWIC), the Bear River Band of the Rohnerville Rancheria, and the Intertribal Sinkiyone Wilderness Council in September 2019. The NWIC noted that no prior cultural resource studies have been conducted onsite and the project area has the possibility of containing unrecorded resources. The Bear River Band of the Rohnerville Rancheria recommended the inclusion of the Inadvertent Discoveries Protocol. Additionally, all development currently meets, or will meet as a condition of approval, appropriate Streamside Management Area (SMA) setbacks preserving them as wildlife corridors.

The modified project is consistent with the adopted MND for the CMMLUO because it complies with all standards of the CMMLUO which were intended to mitigate impacts of existing cultivation. No timber conversion has occurred, no supplemental lighting is used, and no generator will be required for cannabis cultivation. Thus, project-related noise will not harass nearby wildlife.

Purpose - Section 15164 of the California Environmental Quality Act (CEQA) provides that the lead agency shall prepare an addendum to a previously certified Mitigated Negative Declaration (MND) if some changes or additions are necessary but none of the conditions described in Section 15162 calling for a subsequent Environmental Impact Report (EIR) or Negative Declaration have occurred. Section 15162 states that when an EIR has been certified for a project, no subsequent EIR shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in the light of the whole record, one or more of the following:

1. Substantial changes are proposed in the project which require major revisions of the previous MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
2. Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
3. New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous MND was certified as complete, shows any of the following: A) the project will have one or more significant effects not discussed in the previous MND; B) significant effect previously examined will be substantially more severe than shown in the previous MND; C) mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or D) mitigation measures or alternatives which are considerably different from those analyzed in the previous MND would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

Summary of Significant Project Effects and Mitigation Recommended

No changes are proposed for the original MND recommended mitigations. The proposal to authorize the continued operation of an existing cannabis cultivation site consisting of 10,000 square feet of cultivation with ancillary drying activities is fully consistent with the impacts identified and adequately mitigated in the original MND. The project as conditioned to implement responsible agency recommendations, results in no significantly adverse environmental effects beyond those identified in the MND. Compliance with the CMMLUO ensures consistency with the adopted MND and provides for mitigation of all project related impacts to a less than significant level.

In reviewing the application for consistency with the adopted MND, the County considered the following information and studies, among other documents:

- Site Plan prepared by Nathan Toews, P.E., not dated.
- Cultivation and Operations Plan, not dated.

- Water Resources Protection Plan prepared by Timberland Resource Consultants for the North Coast Regional Water Quality Control Board Order No. 2015-0023, dated 2/1/17.
- Humboldt County Road Evaluation Report prepared by the applicant, dated 4/19/19.
- Division of Environmental Health Attachment for Commercial Medical Marijuana (CMM) Clearances/ Permits.
- CNDDDB biological resources database search conducted by AECOM on 11/9/20.
- Cultural resources consultation materials: Letter from Northwest Information Center dated 9/19/19 and referral response from the Bear River Band of the Rohnerville Rancheria dated 9/16/19.

Other CEQA Considerations

Staff suggests no changes for the revised project.

EXPLANATION OF DECISION NOT TO PREPARE A SUPPLEMENTAL MITIGATED NEGATIVE DECLARATION OR ENVIRONMENTAL IMPACT REPORT

See **Purpose** statement above.

In every impact category analyzed in this review, the projected consequences of the current project proposal are either the same or less than significantly increased than the initial project for which the MND was adopted. Based upon this review, the following findings are supported:

FINDINGS

1. The proposed project will permit an existing cannabis operation and bring the operation into compliance with county and state requirements intended to adequately mitigate environmental impacts.
2. The circumstances under which the project was approved have not changed substantially. There are no new significant environmental effects and no substantial increases in the severity of previously identified effects.
3. For the current proposed project, there has been no new information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous MND was adopted as complete.

CONCLUSION

Based on these findings it is concluded that an Addendum to the certified MND is appropriate to address the requirements under CEQA for the current project proposal. All of the findings, mitigation requirements, and mitigation and monitoring program of the MND, remain in full force and effect on the original project.

ATTACHMENT 3

APPLICANT'S EVIDENCE IN SUPPORT OF THE REQUIRED FINDINGS

Attachment 3 includes a listing of all written evidence which has been submitted by the applicant in support of making the required findings. The following materials are on file with the Planning Division:

1. The name, contact address, and phone number(s) of the applicant. (Application form on file)
2. If the applicant is not the record title owner of parcel, written consent of the owner for the application with original signature and notary acknowledgement. (On file)
3. Site plan showing the entire parcel, including easements, streams, springs, ponds and other surface water features, and the location and area for cultivation on the parcel with dimensions of the area for cultivation and setbacks from property lines. The site plan shall also include all areas of ground disturbance or surface water disturbance associated with cultivation activities, including access roads, water diversions, culverts, ponds, dams, graded flats, and other related features. If the area for cultivation is within one-quarter mile (1,320 feet) of a school, school bus stop, church or other place of religious worship, public park, or tribal cultural resource, the site plan shall include dimensions showing that the distance from the location of such features to the nearest point of the cultivation area is at least 600 feet. (Site plans prepared by Nathan Toews, P.E., not dated – **Attached** with project Maps)
4. A cultivation and operations plan that meets or exceeds minimum legal standards for water storage, conservation and use; drainage, runoff and erosion control; watershed and habitat protection; proper storage of fertilizers, pesticides, and other regulated products to be used on the parcel; and a description of cultivation activities (outdoor, indoor, mixed light), the approximate date(s) cannabis cultivation activities have been conducted on the parcel prior to the effective date of this ordinance, if applicable, and schedule of activities during each month of the growing and harvesting season. (Cultivation and Operations Plan prepared by applicant, not dated - **Attached**)
5. Copy of the statement of water diversion, or other permit, license or registration filed with the State Water Resources Control Board, Division of Water Rights, if applicable. (Riparian Water Rights Statement of Diversion and Use claims and reporting for personal use only, dated 11/21/18 - On file). (Not applicable for cannabis cultivation.)
6. Description of water source, storage, irrigation plan, and projected water usage. (Included in Cultivation Operations Plan (item 4. above) and Water Resources Protection Plan prepared for , North Coast Regional Water Quality Control Board Order No. 2015-0023 (item 7. below)
7. Copy of Notice of Intent and Monitoring Self-Certification and other documents filed with the North Coast Regional Water Quality Control Board demonstrating enrollment in Tier 1, 2 or 3, North Coast Regional Water Quality Control Board Order No. 2015-0023, or any substantially equivalent rule that may be subsequently adopted by the County of Humboldt or other responsible agency. (Water Resources Protection Plan (WRPP) prepared by Timberland Resources Consultants, dated 2/17/17 – Attached. Notice of Intent (NOI) and Reporting: Waiver of Waste Discharge Requirements Water Quality Order R1-2015-0023 – **Attached**)
8. If any on-site or off-site component of the cultivation facility, including access roads, water supply, grading or terracing, impacts the bed or bank of any stream or other watercourse, a copy of the Streambed Alteration Agreement Notification from the California Department of Fish and Wildlife. (Condition of Approval)
9. If the source of water is a well, a copy of the County well permit, if available. (Permit Number 11/12-0233)

10. If the parcel is zoned Forestry Recreation (FR), Unclassified (U) or Timber Production Zone (TPZ), or involves the conversion of timberland as defined under Section 4526 of the Public Resources Code, a copy of a less-than-3-acre conversion exemption or timberland conversion permit, approved by the California Department of Forestry and Fire Protection (Cal Fire). Alternately, for existing operations occupying sites created through prior unauthorized conversion of timberland, evidence may be provided showing that the landowner has completed a civil or criminal process and/or entered into a negotiated settlement with Cal Fire. (Not applicable)
11. Consent for on-site inspection of the parcel by County officials at prearranged date and time in consultation with the applicant prior to issuance of any clearance or permit, and once annually thereafter. (On file)
12. For indoor cultivation facilities, identify the source of electrical power and how it will meet with the energy requirements in Section 55.4.8.2.3, and plan for compliance with applicable building codes. (Not applicable)
13. Acknowledge that the County reserves the right to reduce the size of the area allowed for cultivation under any clearance or permit issued in accordance with this Section in the event that environmental conditions, such as a sustained drought or low flows in the watershed, will not support diversions for irrigation. (On file)
14. Acknowledge that the County reserves the right to engage with local tribes before consenting to the issuance of any clearance or permit, if cultivation operations occur within an Area of Traditional Tribal Cultural Affiliation, as defined herein. This process will follow current departmental referral protocol, including engagement with the tribe(s) through coordination with their Tribal Historic Preservation Officer (THPO) or other tribal representatives. This procedure shall be conducted similar to the protocols outlined under Senate Bill (SB) 18 (Burton) and Assembly Bill (AB) 52 (Gatto), which describe "government to government" consultation, through tribal and local government officials and their designees. During this process, the tribe may request that operations associated with the clearance or permit be designed to avoid, minimize, or mitigate impacts to tribal cultural resources, as defined herein. Examples include, but are not limited to, conducting a site visit with the THPO or their designee to the existing or proposed cultivation site, requiring that a professional cultural resources survey be performed, or requiring that a tribal cultural monitor be retained during project-related ground disturbance within areas of sensitivity or concern. The County shall request that a records search be performed through the California Historical Resources Information System (CHRIS). (On file)
15. Road Evaluation Report dated 4/19/19. **(Attached)**
16. Division of Environmental Health Attachment for Commercial Medical Marijuana (CMM) Clearances/ Permits (DEH Form). (On-file)
17. CNDDDB biological resources database search conducted by AECOM on 11/9/20. (On file and confidential)
18. Relocation Report prepared by Timberland Resource Consultants dated October 21, 2019. **(Attached)**

Cultivation & Operations Plan

NAME: Christopher Cameron: Permit: # 11005, APN# 211-401-017

TYPE and SIZE: Pre-Existing 4,566 sq. ft. Outdoor Cultivation and 3,000 sq. ft Mixed-Light Cultivation

Activity	Comments
1. Description of water source, storage, irrigation plan, and projected water usage	<p>a. Existing water source, storage and irrigation plan will be used.</p> <p>i. Water Source: One (1) permitted well.</p> <p>ii. Water Storage: Seven (7) 3,000 gallon tanks, and one (1) 2500 gallon tank</p> <p>iii. There are no signs of irrigation run off within the cultivation sites (See Water Resource Protection Plan – Exhibit 8).</p> <p>iv. Method of irrigation: Drip line.</p> <p>b. Projected Water Usage: Minimum 11,610 gal/Maximum 25,800 gal. See attached Enrollment Notice of Intent Form for Waiver of Waste Discharge Requirements.</p>
2. Planning of proper use and storage of fertilizers	<p>Organic fertilizer will be stored in a shed or area dedicated for fertilizer storage, which will be separated from surface water, neighboring dwellings, bodies of water, and pesticides. Organic fertilizer will be stored in a shed - with a perimeter concrete foundation - on a shelf in a well lit area. The storage area will be protected from extreme heat and flooding - and will contain an impermeable floor. The storage area will be far away from plant material and high traffic areas. This area will not contain pesticides, other greenhouse chemicals, food, drink, tobacco products, or livestock feed. The fertilizer will only be used in compliance with the label on the product.</p> <p>Storage Location</p> <p>The storage area will be clearly labeled as a fertilizer storage area in order to prevent unauthorized use of fertilizer, accidental spills, or theft. The windows and doors of the storage area will be clearly labeled as a fertilizer storage area. There will be adequate road access to the storage area for deliveries, use, and transport of materials.</p> <p>Containers</p> <p>All fertilizers will be stored in their original containers unless damaged, with the labels visible and readable. All containers will be stored upright and will not come into contact with the floor. The containers will not be crowded on shelves or pallets. Containers will be checked often for damage. If a container has been damaged, the contents will be repackaged and labeled or placed in a suitable</p>

secondary containment which can be sealed and labeled.

Containment

There will be no floor drain in the fertilizer storage area. Damaged or leaked containers will be repaired and/or replaced as soon as possible. There will be secondary containment used for most open containers. Any spilled material will be cleaned up immediately and the cleanup materials will be discarded promptly and properly.

Fire Prevention and Suppression

Fire detection, fire extinguisher, and security cameras will be present in the storage area. Oxidizers and flammable materials will be stored separately.

Inventory and Recordkeeping

Inventory be will actively maintained as chemicals are added or removed from storage. Containers will be dated when purchased, outdated materials will be removed on a regular basis, and inventory will be controlled to prevent the accumulation of excess materials that may become difficult to use.

Lighting

There will be electric lighting that will allow for clear viewing into all areas and cabinets within the storage area.

Monitoring

The storage area will be inspected on a monthly basis to monitor any signs of container corrosion or damage and any faulty ventilation, electrical, and fire suppression systems.

Security

The storage area will be locked and access restricted to trained personnel.

Signage

There will be signage posted as needed, including without limitation, warning signs, and emergency contract information.

Temperature Control

There will be no direct sources of heat, such as steam pipes or sunny windows in the building being used for storage.

	<p>Ventilation The structure used for fertilizer storage has sufficient ventilation through windows and doors.</p> <p>Disposal Sufficient planning will be made to eliminate the need for disposal. Empty fertilizer containers will be discarded based on the latest advice from environmental protection authorities.</p> <p>Precipitate and Residue Disposal Fertilizer systems will be cleaned regularly. Solids and rinse solution should be composted.</p> <p>Delivery System The fertigation equipment will be checked monthly for accuracy, containment tank back flow preventors and any equipment that holds fertilizers will be inspected as well. Stock tanks will be inspected weekly for deterioration and cracks. Stock solution tanks and areas surrounding fertilizer injectors and contracted solutions will be kept clean and free of debris.</p>
3. Description of cultivation activities	<p>1. Applicant has approximately three to four cultivation cycles per year. For each cultivation cycle, the following schedule of activities for growing and harvesting season, is planned:</p> <ul style="list-style-type: none"> i. Month 1: Germinating and seeding phase in small planters ii. Month 2: Small plants are planted in soil for 6-8 weeks iii. Month 2-3: <ul style="list-style-type: none"> 1. Pre-flowering phase takes 7 days. Plants will spend 10–14 days in this period after switching the light cycle to 12 hours of darkness to aid in plant growth. Marks the beginning or the flowering phase. iv. Month 4: End of Flowering Phase and Harvest <ul style="list-style-type: none"> 1. The flowering phase varies depending on strand. Mixed indica/sativa strains have an intermediate flowering time. v. End of Month 4: Harvest and Process the Cannabis is accordance with Processing Plan. <p>Schedule and activities are then repeated every four (4) months.</p>
4. Processing Plan	<p>1. All Processing will be performed in compliance with 55.4.11 Performance Standards for all CMMLUO Cultivation and Processing Operations as related to land conversion, on-site grading, electricity usage, water usage, agricultural discharges, and similar matters and limited to those improvements, facilities, buildings and sites that are used for commercial cannabis activity and shall not extend to personal</p>

	<p>residences or other structures that are not used for commercial cannabis activity.</p> <p>2. All Processing activity will conform to the Performance Standards for Cultivation and Processing Activities:</p> <p>3. Pursuant to the MMRSA, Health and Safety Code section 19322(a)(9), Applicant will declare that he is an 'agricultural employer,' as defined in the Alatorre-Zenovich-Dunlap-Berman Agricultural Labor Relations Act of 1975 (Part 3.5 commencing with Section 1140) of Division 2 of the Labor Code), to the extent not prohibited by law," <u>IF Applicant at any time hires employees.</u></p> <p>4. Applicant will comply with all applicable federal, state, and local laws and regulations governing California Agricultural Employers, which may include: federal and state wage and hour laws, CAL/OSHA, OSHA, California Agricultural Labor Relations Act, and the Humboldt County Code (including the Building Code).</p> <p>5. <u>Where:</u> All processing will be done on-site.</p> <p>6. <u>The following Processing Practices will be adhered to and implemented at all times:</u></p> <ul style="list-style-type: none"> - Processing operations must be maintained in a clean and sanitary condition including all work surfaces and equipment. <ul style="list-style-type: none"> o EQUIPMENT: Applicant will use equipment and utensils that are of appropriate design and that are used installed, maintained and stored to ensure and facilitate proper cleaning of tools, and adjacent spaces and of which are constructed so that contact surfaces are nontoxic and corrosion resistant, and neither reactive nor absorptive. o Processing operations will take all required measures prevent processing contamination and mold and mildew growth on cannabis. o Employees handling cannabis in processing operations must have access to facemasks and gloves in good operable condition as applicable to their job function. o Employees will observe and maintain appropriate sanitation standards, including handwashing protocol. - PROCESS SPECIFICATIONS WILL BE ESTABLISHED FOR PRODUCTION PROCESS PARAMETERS AT OR DURING ANY POINT, STEP, OR STAGE WHERE CONTROL IS NECESSARY TO ENSURE THE QUALITY OF THE BATCH OF CANNABIS -DERIVED PRODUCT, AND TO DETECT ANY UNANTICIPATED OCCURRENCE
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	<p>THAT MAY RESULT IN CONTAMINATION, ADULTERATION, OR A FAILURE TO MEET SPECIFICATIONS. THE PROCESS PARAMETERS TO BE MONITORED MAY INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING AS APPROPRIATE:</p> <ul style="list-style-type: none"> ▪ Time ▪ Temperature ▪ Pressure and ▪ Speed
	<p>7. <u>Number of Employees:</u> No employees at this time.</p> <p>8. <u>Employee Safety Practices</u> Applicant does not currently have employees. However, if Applicant hires employees in the future, Applicant will implement the following Employee Safety Practices:</p> <ul style="list-style-type: none"> • Emergency action response planning as necessary; • Employee accident reporting and investigation policies; • Fire prevention; • Hazard communication policies, including maintenance of material safety data sheets (MSDS); • Materials handling policies; • Job hazard analyses; and • Personal protective equipment policies, including respiratory protection. <p>9. <u>Cultivation operations and processing operations will visibly post and maintain an emergency contact list which includes at a minimum:</u></p> <ul style="list-style-type: none"> a) Operation manager contacts; b) Emergency responder contacts; c) Poison control contacts. <p>10. <u>Toilet and handwashing facilities:</u> At all times, employees shall have access to safe drinking water and toilets and handwashing facilities that comply with applicable federal, state, and local laws and regulations.</p> <p>11. <u>Plumbing and/or septic system:</u> Plumbing facilities are in good working order and water source is capable of handling increased usage without adverse consequences to neighboring properties or the</p>

	environment.	<p>12. Source of drinking water for employees. At all times, employees shall have access to safe drinking water that comply with applicable federal, state, and local laws and regulations.</p>
<p>5. If mixed light cultivation, identify how it will meet Dark Sky Standard</p> <p>Number of cultivation cycles</p>	<p>a. <u>Mixed-light standard</u>: natural and supplemental artificial lighting at a maximum threshold will be in compliance with International Dark Sky Standard, protecting the night sky for present and future generations. To minimize the harmful effects of light pollution, any and all supplemental lighting will:</p> <ul style="list-style-type: none"> i. Only use light when needed ii. Only light the designated cultivation areas iii. Ensure that light is not brighter than necessary iv. Minimize blue light emissions v. Ensure that light is fully shielded (pointing downward) <p>b. <u>Number of Cultivation Cycles</u>: 3 to 4 cycles per year.</p>	
<p>6. Identify the Operation's primary power source.</p>	<p><u>Generator Use</u></p> <ul style="list-style-type: none"> • The noise produced by any generator used for this cannabis cultivation is not audible by humans from neighboring residences, and adheres to guidance of US Fish and Wildlife Service to protect the Marbled Murrelet and Spotted Owl species. • The decibel level for generators will be under 60 decibels. • All measures will be taken to reduce any adverse impacts from potentially significant to less than significant. <p>This site will be converted to grid power when it is available.</p>	
<p>7. Security plan describing measures to be taken to ensure the security of the medical Cannabis and to safeguard against the diversion of medical Cannabis for non-medical purposes, or access by minors.</p>	<p>Surveillance with Around the Clock Coverage</p> <p>Applicant shall retain a professional security services company to recommend and outfit the premises with a full range of security services including, but not limited to, intrusion detection, video surveillance, access control, round the clock coverage and remote access.</p> <p>Applicant shall retain and maintain a sophisticated surveillance system on the premises including video</p>	

	<p>cameras to record events inside and outside the facility round the clock. Specifically, Applicant plans to install approximately ten (10) exterior high-performance cameras and at least 6ft “no-climb” and/or electrical fences around the cultivation areas and pond, respectively. In addition, there will be a locked gate on the property.</p> <p>Electronic Access Control System</p> <p>Access control is a primary feature of the security apparatus. Applicant currently has a locked gate at the entrance to the property. Additionally, Applicant plans to include electronic access controls on each and every door at the site, including reinforced controls at entry and exit points. Electronic access control will help deter, detect, and document access to our facility.</p>
7. 5th Amendment	<p>Applicant maintains his rights under the 5th Amendment to the U.S. Constitution on the ground that the information requested herein might tend to incriminate the Applicant and/or the Property Owner(s) under Federal law. The information provided in this application may only be used for the specific purpose of analyzing Applicant's qualifications under the local Humboldt County Ordinance. No opinion is implied or may be inferred beyond those expressly stated herein. The information provided is rendered only as of the date hereof, and Applicant assumes no responsibility to update the county in the event of changes in law, facts, circumstances, events or developments which hereafter may be brought to Applicant's attention and which may alter, affect or modify the information provided. The information herein is provided solely for the benefit of the addressees of this application, and without my prior written consent, may not be relied on in any other context, quoted in whole or in part, or otherwise referred to in any document, report or furnished to any other person, government agency (whether state or federal) or entity.</p>

**ENROLLMENT NOTICE OF INTENT FORM
FOR
WAIVER OF WASTE DISCHARGE REQUIREMENTS
ORDER NUMBER R1-2015-0023**

Submission of this Notice of Intent (NOI) to the North Coast Regional Water Quality Control Board (Regional Water Board) or an approved third party constitutes notice that a discharger, identified in Section I of this form, requests and receives authorization to discharge pursuant to the Waiver of Waste Discharge Requirements Order number R1-2015-0023 (Order). Upon submittal of the NOI, waste discharges are authorized pursuant to the conditions of the Order. Order coverage is required for existing Tier 1, 2, and 3 cultivation sites by February 15, 2016. Dischargers who begin operations after February 15, 2016, must file an NOI prior to commencement of cultivation activities.

To obtain authorization, dischargers must complete and submit this NOI form, encompassing sections I and II, complete and submit the reporting information required in Appendix C of the Order, and submit the appropriate fee. The reporting form in Appendix C must be submitted annually by March 31 thereafter and an annual fee is subject to a separate invoicing from the State Water Board. Any additional documentation required by the Order, such as a water resource protection plan, site map, and monitoring records must be completed and secured on-site, to be made available upon request by the Regional Water Board. This NOI form must be submitted upon enrollment and the discharger shall amend and resubmit the NOI within 30 days of changed site conditions that result in a change in Tier status.

Completed forms shall be signed and submitted to the Regional Water Board or an approved third party.

I. Discharger Information

**Christopher Cameron
PO Box 328
Garberville, CA 95542
707-298-5915**

II. Site Information

**Located in Humboldt County, Assessor's Parcel Numbers (APN):
211-401-018, 211-401-017**

**Subwatershed (Huc-12)
180101060407**

Timberland Resource Consultants

4/4/2017

Please check the box from the following operation to state which Tier you are registering as:

☐ Tier 1 ☒ Tier 2 ☐ Tier 3

Under Tier 2, water resource protection plans must be developed within 180 days of submittal of this NOI form. Under Tier 3, cleanup and restoration plans must be submitted to the Regional Water Board within 45 days of submittal of this NOI form. Tier 3 enrollees that are cultivating must also be enrolled and comply with Tier 2 conditions.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision. The information contained in this document and all attachments is, to the best of my knowledge and belief, true, accurate, and complete. I agree to monitor and report on my site in compliance with the Order, including the Monitoring and Reporting Program (Appendix C) truthfully, accurately, and completely; complete Sections I and II, above; keep a copy of the Order, this NOI, the annual monitoring and reporting documents and, if applicable, the water resource protection plan and cleanup and restoration plan document(s) on site, and make them available to Water Board staff upon request. If there is a change in Tier status based on changed site conditions, the changes must be documented, appended to this document, and resubmitted to either the Regional Water Board or, if applicable, an approved third party.

Print name: Chris Cameron

Signature: Chris Cameron

Date: 7/25/16

**Order No. R1-2015-0023
REPORTING FORM****A. Site WDID:** 1B161179CHUM**B. Subwatershed (HUC-12):** 180101060407**C. Enrollment date:** 7/26/2016**D. Reporting date:** 03-31-2017**E. Please check the box corresponding to the enrolled site's current tier (Tier 3 sites with cultivation must also check Tier 2).**Tier 1 ☐ Tier 2 ☒ Tier 3 ☐**Has the site's tier status changed since the last reporting period?** Y ☐/N ☒

If YES, briefly explain:

F. Check all fields that apply to the enrolled site:**i. Tier 1 sites:**

(see Order at page 6 for details on Tier 1 characteristics)

☐ Average slope of each individual cultivation area is no more than 35% slope.☐ Total cultivation area is no more than 5,000 square feet.☐ No cultivation areas or associated facilities are located within 200 feet of a surface water. (Surface waters include wetlands and Class I, II, and III watercourses.)☐ No surface water diversion from May 15 through October 31.☐ The site is in compliance with all Standard Conditions under Order R1-2015-0023, section I.A.**ii. Tier 2 sites:****a. A Water Resource Protection Plan has been developed and is being implemented?**
Y ☐/N ☒

If NO, expected date when plan will be ready and implementation will begin:

If YES, have there been changes to the implementation schedule since the prior year of reporting? Y ☐/N ☒

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ii. Tier 2 sites continued

- b. Check below as to whether or not the site meets Standard Conditions under Order R1-2015-0023, section I.A. If a standard condition is not yet met, please indicate the expected date of compliance as identified in the Water Resource Protection Plan. Upon initial enrollment, provide an estimated expected date of compliance.

Standard Conditions Met**If NO, expected date of compliance**

Site maintenance, erosion control, and drainage features Y☐/N☒

10/15/2018

Stream crossing maintenance Y☒/N☐

Riparian and wetland protection and management Y☐/N☒

10/15/2018

Spoils management Y☐/N☒

10/15/2017

Water storage and use Y☐/N☒

10/15/2018

Irrigation runoff Y☒/N☐

Fertilizers and soil amendments Y☐/N☒

10/15/2017

Pesticides and herbicides Y☒/N☐

Petroleum products and other chemicals Y☐/N☒

10/15/2017

Cultivation-related wastes Y☐/N☒

10/15/2017

Refuse and human waste Y☐/N☒

Shortest time possible, but no later than the expiration of this Order (five years)

- c. All management measures are being implemented as part of the Water Resource Protection Plan? Y☐/N☒

If YES, do management measures appear to be effective in preventing and minimizing discharges of waste to surface water? Y☐/N☐

If management measures do not appear to be effective, are additional measures being implemented iteratively to prevent and minimize discharges of waste to surface water? Y☐/N☐

If NO, describe management measures or practices that have not been effective in preventing and minimizing discharges of waste to surface water, if applicable. Describe plans for new or additional management measures to prevent and minimize discharges of waste, if applicable. Attach additional sheets as necessary.

WRPP has just been received by Discharger. Implementation has not begun.

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- d. Will work to bring site into compliance with Standard Conditions require disturbance to a stream or wetland over the coming year? Y ☒ / N ☐

If YES, indicate status of work authorization by Regional Water Board. Specifically, check one or more of the following and provide the date if/as applicable.

☒ I plan to submit my project plans to the Regional Water Board by the following date: Within 60 days of work, and upon approval of CDFW 1600.

☐ I submitted my project plans to the Regional Water Board on the following date:

☐ The Regional Water Board Executive Officer authorized my project plans on the following date:

☐ I have elected to receive authorization for instream work under a different Regional Water Board permitting mechanism as follows:

☐ Instream work anticipated to occur between the following dates:

iii. **Tier 2* sites:**

Total cultivation area is less than 10,000 square feet? Y ☐ / N ☐

Water resource protection plan developed and fully implemented? Y ☐ / N ☐

All Standard Conditions met? Y ☐ / N ☐

Site was inspected and verified as Tier 2* by Regional Water Board staff (NAME) or approved third party program (NAME): ___ on (DATE)

iv. **Tier 3 Sites:**

☐ A Cleanup and Restoration Plan has been submitted to the Regional Water Board for approval.

☐ The Cleanup and Restoration Plan has been approved by the Regional Water Board.

☐ The timeline for the approved Cleanup and Restoration plan is being followed. Will restoration work require disturbance to a stream or wetland in the coming year? Y ☐ / N ☐

Instream work anticipated to occur between the following dates: _

☐ Cannabis cultivation is occurring or will occur on the site over the coming year. (If this box is checked, ensure that Tier 2 portions of the reporting form are completed as well).

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v. For All Sites:

Annual Reporting Period (Calendar Year), or CHECK HERE ☐ if this is the report accompanying initial enrollment.

01-01-2016

To

12-31-2016

Month/Day/Year

Month/Day/Year

Total cultivation area (square feet)	10,960 sq. ft.
Distance to surface waters (feet) from nearest edge of each cultivation area or associated facility. Provide distance measurements for each cultivated area separately, as appropriate.	CS 1: Class II watercourse: ~310' Class III watercourse: ~160' CS 5: Class II watercourse: ~270' Class III watercourse: ~210'
Average slope (percent slope) of each cultivated area List each cultivated area separately, as appropriate.	CS 1: ~40% CS 2: ~40% CS 3: ~41% CS 4: ~41% CS 5: ~35%
Total number of road crossings of surface waters Surface waters include wetlands and Class I, II, and III watercourses.	0
Annual soil amendment and chemical use (pounds or gallons). Total mass and/or volume of soil amendment and/or chemical usage by type, product name, and nutrient content such as N-P-K ratio, if applicable.*	Dr. Earths Bloom (3-9-4) Advanced Nutrients PH-DOWN (0-55-0) BAM Beneficial Active Micro Organisms GROW PRO (1.5-0.5-4.0) SOIL PRO (0.7-0.2-0.9) Primordial Solutions PALEOBLOOM (0.3-4.0-4.0)
Total water storage capacity (gallons)	73,750-gallons
Total surface water diversion by month (gallons)*	
Jan.	Feb.
Mar.	April
May	June
July	Aug.
Sept.	Oct.
Nov.	Dec.
Will	Monitor
In	2017
Water input to storage by source and month (gallons) Report water volume input to storage, listing each source separately. This may include inputs from rainfall catchment, surface water diversions, groundwater pumping, or water delivery. If water is delivered, list delivery date, delivery volume, and name and address of water purveyor.*	
Source	Jan.
Feb.	Mar.
April	May
June	July
Aug.	Sept.
Oct.	Nov.
Dec.	
Diversion	Will
Monitor	In
2017	
Well	Will
Monitor	In
2017	
Water use by source and month (gallons) Report water volume used, listing each source separately. This may include use of stored water, immediate use of pumped groundwater, diverted surface water, or delivered water. If water is delivered, list delivery date, delivery volume, and name and address of water purveyor.*	
Source	Jan.
Feb.	Mar.
April	May
June	July
Aug.	Sept.
Oct.	Nov.
Dec.	
Storage	0
0	0
0	11610
20640	21930
25800	25800
21930	21930
0	0

*Upon initial enrollment only, a best estimate is acceptable for reporting annual soil amendment and chemical use, monthly water stored, and monthly water use. Attach additional sheets if more space is needed for your responses.

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision. The information contained in this document and all attachments is, to the best of my knowledge and belief, true, accurate, and complete.

Print name: Christopher CameronSignature: [Signature] Date: July 15, 2021

Preparer: Complete if MRP was prepared by someone other than the discharger, including an approved third-party

Organization Name (if applicable):

Timberland Resource Consultants

Prepared by:

First Name, Middle Initial

DeLante

Last Name

Farnham

Preparer Address:

Street

165 S. Fortuna Blvd

City

Fortuna

State

ZIP

CA95540

Phone Number

707-725-1897

Email Address

trc@timberlandresource.com

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Water Resource Protection Plan

APN 211-401-017 & 211-401-018

WDID# 1B161179CHUM

TRC# 180101060407TRC135

Submitted to:

Chris Cameron

Prepared by:

Timberland Resource Consultants

165 South Fortuna Blvd

Fortuna, CA 95540

2/1/2017

Purpose

This Water Resource Protection Plan (WRPP) has been prepared on behalf of the property owner, Chris Cameron, for assessor's parcel number 211-401-017 & 211-401-018, by agreement and in response to the California Water Code Section 13260(a), which requires that any person discharging waste or proposing to discharge waste within any region that could affect the quality of the waters of the state, other than into a community sewer system, shall file with the appropriate regional water board a Report of Waste Discharge (ROWD) containing such information and data as may be required by the Regional Water Board. The Regional Water Board may waive the requirements of Water Code section 13260 for specific types of discharges if the waiver is consistent with the Basin Plan and in the public interest. Any waiver is conditional and may be terminated at any time. A waiver should include monitoring requirements to verify the adequacy and effectiveness of the waiver's conditions. Order R1-2015-0023 conditionally waives the requirement to file a ROWD for discharges and associated activities described in finding 4.

Scope of Report

Order No. R1-2015-0023 states that "Tier 2 Discharger's and Tier 3 Discharger's who intend to cultivate cannabis before, during, or following site cleanup activities shall develop and implement a water resource protection plan that contains the elements listed and addressed below. Discharger's must keep this plan on site, and produce it upon request by Regional Water Board staff. Management practices shall be properly designed and installed, and assessed periodically for effectiveness. If a management measure is found to be ineffective, the plan must be adapted and implemented to incorporate new or additional management practices to meet standard conditions. Discharger's shall certify annually to the Regional Water Board individually or through an approved third party program that the plan is being implemented and is effectively protecting water quality, and report on progress in implementing site improvements intended to bring the site into compliance with all conditions of this Order."

Methods

The methods used to develop this WRPP include both field and office components. The office component consisted of aerial photography review and interpretation, existing USGS quad map review, GIS mapping of field data, review of on-site photography points, streamflow calculations, and general planning. The field component included identifying and accurately mapping all watercourses, wet areas, and wetlands located downstream of the cultivation areas, associated facilities, and all appurtenant roads accessing such areas. An accurate location of the Waters of the State is necessary to make an assessment of whether potential and existing erosion sites/pollution sites have the potential to discharge waste to an area that could affect waters of the State (including groundwater). Next, all cultivation areas, associated facilities, and all appurtenant roads accessing such areas were assessed for discharges and related controllable water quality factors from the activities listed in Order R1-2015-0023, Finding 4a-j. The field assessment also included an evaluation and determination of compliance with the Standard Conditions per Provision I.B of Order No. R1-2015-0023. The water resource protection plans required under Tier 2 are meant to describe the specific measures a Discharger implements to achieve compliance with standard conditions. Therefore, all required components of the water resource protection plan per Provision I.B of Order No. R1-2015-0023 were physically inspected and evaluated. A comprehensive summary of each Standard Condition as it relates to the subject property is appended.

Property Description

The property assessed is a 10.77-acre parcel and a 10.87-acre parcel located on Salmon Creek Road. The property is a well-established home site with a residence, workshop buildings, storage sheds, and two camper trailers. There is one Class II watercourse and one Class III watercourse on the property. The watercourses and drainages on the property are tributaries to the South Fork Eel River. The property is located in the NW ¼ of the SW ¼ of Section 34, Township 2S, Range 3E, of the USGS Miranda 7.5" quadrangle map, Humboldt Base & Meridian.

Monitoring Plan

Tier 2 Discharger's shall include a monitoring element in the water resource protection plan that at a minimum provides for periodic inspection of the site, checklist to confirm placement and efficacy of management measures, and document progress on any plan elements subject to a time schedule. Tier 2 Discharger's shall submit an annual report (Appendix C) by March 31 of each year that documents implementation and effectiveness of management measures during the previous year. Tier 2 annual reporting is a function that may be provided through an approved third party program.

Monitoring of the site includes visual inspection and photographic documentation of each feature of interest listed on the site map, with new photographic documentation recorded with any notable changes to the feature of interest. At a minimum, all site features must be monitored annually, to provide the basis for completion of the annual re-certification process. Additionally, sites shall be monitored at the following times to ensure timely identification of changed site conditions and to determine whether implementation of additional management measures is necessary to iteratively prevent, minimize, and mitigate discharges of waste to surface water: 1) just prior to October 15 to evaluate site preparedness for storm events and storm water runoff, 2) following the accumulation of 3" total precipitation or by November 15, whichever is sooner, and 3) following any rainfall event with an intensity of 3" precipitation in 24 hours. Precipitation data can be obtained from the National Weather Service Forecast Office (e.g. by entering the zip code of the parcel location at <http://www.srh.noaa.gov/forecast>).

Monitoring Plan Reporting Requirements

Order No. R1-2015-0023, Appendix C must be submitted to the Regional Water Board or approved third party program upon initial enrollment in the Order (NOI) and annually thereafter by March 31. Forms submitted to the Regional Water Board shall be submitted electronically to northcoast@waterboards.ca.gov. If electronic submission is infeasible, hard copies can be submitted to: North Coast Regional Water Quality Control Board, 5550 Skylane Boulevard, Suite A, Santa Rosa, CA 95403.

Assessment of Standard Conditions

Assessment of Standard Conditions consisted of field examinations on 12/6/2016. The examination evaluated areas near, and areas with the potential to directly impact, watercourses for sensitive conditions including, but not limited to, existing and proposed roads, skid trails and landings, unstable and erodible watercourse banks, unstable upslope areas, debris, jam potential, inadequate flow capacity, changeable channels, overflow channels, flood prone areas, and riparian zones. Field examinations also evaluated all roads and trails on the property, developed areas, cultivation sites, and any structures and facilities appurtenant to cultivation on the property. Anywhere the Standard Conditions are not met on the property, descriptions of the assessments and the prescribed treatments are outlined following each associated section below.

Summary of Standard Conditions Compliance

1. Site maintenance, erosion control, and drainage features Y ☐/N ☒
2. Stream crossing maintenance Y ☒/N ☐
3. Riparian and wetland protection and management Y ☐/N ☒
4. Spoils management Y ☐/N ☒
5. Water storage and use Y ☐/N ☒
6. Irrigation runoff Y ☒/N ☐
7. Fertilizers and soil amendments Y ☐/N ☒
8. Pesticides and herbicides Y ☒/N ☐
9. Petroleum products and other chemicals Y ☐/N ☒
10. Cultivation-related wastes Y ☐/N ☒
11. Refuse and human waste Y ☐/N ☒

A. Standard Conditions, Applicable to All Discharger's

1. Site maintenance, erosion control and drainage features (Compliance: Y ☐/ N ☒)

- a. Roads shall be maintained as appropriate (with adequate surfacing and drainage features) to avoid developing surface ruts, gullies, or surface erosion that results in sediment delivery to surface waters.

The road to the residence is a permanent rocked road that is in overall good condition, but lacking the adequate amount of ditch relief culverts. The majority of the inside ditches are in good condition but more ditch relief culverts are required. Roads to the cultivation areas on the property are lacking adequate road surface rock in the steeper sections of the road as well as adequate drainage facilities. The Discharger shall rock the steeper access roads to the Cultivation Sites and any other road surface or access roads and ATV roads which are to be used for year around use, or refrain from vehicle use on un-rocked roads that could result in rutting during wet conditions. Also required is rock armoring on the inlets and outlets of all of the ditch relief culverts. One ditch relief culvert (RP 1) has filled with sediment and debris, and needs to be unplugged or replaced with a minimum 18-inch diameter pipe.

- b. Roads, driveways, trails, and other defined corridors for foot or vehicle traffic of any kind shall have adequate ditch relief drains or rolling dips and/or other measures to prevent or minimize erosion along the flow paths and at their respective outlets.

Ditch Relief Culvert 1 – The Discharger shall rock armor the outlet and outlet area up to the bank where flows are flow over approximately 20 feet past the outlet.

Ditch Relief Culvert 2 – The Discharger shall rock armor the inlet and outlet per attached specifications.

Ditch Relief Culvert 3 – The Discharger shall rock armor the inlet and outlet per attached specifications. The Discharger shall also rock armor the outlet down to where flows reach the road where the well is located.

Road Point 1 – Inside ditch crossing pipe has plugged with sediment and debris. The Discharger shall unplug the ditch culvert or replace it with an 18" diameter ditch relief culvert per attached specifications. The inlet and outlet shall be rock armored per attached specifications.

Road Point 2 & Road Point 3 – The Discharger shall fully establish the make shift inside ditch from Road Point 2 to Road Point 3, install waterbars to drain the road into the inside ditch, and rock the adjacent road.

Road Point 4 – The Discharger shall rock the road from Road Point 4 to Road Point 5, after the inside ditch and associated ditch relief culvert is installed, and from Road Point 4 to Road Point 6.

Road Point 5 – The Discharger shall install a minimum 15" diameter inside ditch relief culvert at this location and install an inside ditch draining to it. The inside ditch will run from the well head to the newly installed ditch relief culvert at Road Point 5. The inlet and outlet shall be rock armored per attached specifications. The Discharger shall also rock armor the cutbank below the outlet flow area down to the landing where the water bladder is located.

Road Point 7 – The Discharger shall install an 18" diameter ditch relief culvert at this approximate location to drain inside ditch flows. The inlet and outlet shall be rock armored per attached specifications.

Road Point 8 – The Discharger shall install an 18" diameter ditch relief culvert at this approximate location to drain inside ditch flows. The inlet and outlet shall be rock armored per attached specifications.

Road Point 9 – The Discharger shall install a water bar per attached specifications.

Road Point 10 – The Discharger shall install a water bar per attached specifications.

- c. Roads and other features shall be maintained so that surface runoff drains away from potentially unstable slopes or earthen fills. Where road runoff cannot be drained away from an unstable feature, an engineered structure or system shall be installed to ensure that surface flows will not cause slope failure.

Physical reconnaissance of the property revealed one small unstable area represented as Unstable Area 1 (UA 1) on the site map. The Geomorphic Features Map for the USGS Miranda 7.5' quadrangle map, Humboldt County, California Scale 1: 24,000 (Spittler, T.E., 1983, DMG Open-File Report 83-25, Geology and Geomorphic Features Related to Landsliding) shows no geomorphic features within the property. Delineated above the property is an area of disrupted ground. No surface runoff from the property drains onto this area.

Unstable Area 1 – The Discharger shall rock buttress the toe of this unstable feature per attached specifications and install erosion control measures to help slow and prevent sediment delivery to drainages. The Discharger shall use straw bales or fiber logs in the drainage ditch below the unstable area and place straw bales or fiber logs around the base of the slumped bank to prevent further sediment discharger.

- d. Roads, clearings, fill prisms, and terraced areas (cleared/developed areas with the potential for sediment erosion and transport) shall be maintained so that they are not hydrologically connected¹, as feasible, from surface waters, including wetlands, ephemeral, intermittent and perennial streams.

Cultivation Sites are lacking fully developed drainage features and drainages are to be dispersed as frequently as possible. The Discharger shall break up drainage ditches and other drainage facilities so that surface waters during storm events are dissipated into the woods and not collected by road drainages.

Erosion Control Point 3 – The Discharger shall further develop the drainage ditch draining the greenhouse flat by rock armoring it. Where the drainage ditch crosses the road, the Discharger shall remove the makeshift board crossing and install a small ditch relief culvert that drains into the inside ditch draining to DRC 2. The Discharger shall rock armor the inlets and outlets of this ditch relief culvert per attached specifications. Remove or properly contain all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.

Erosion Control Point 4 – The Discharger shall further develop the drainage ditch to ensure that it is capturing road surface runoff coming from the upper-most greenhouses at Cultivation Site 4. The Discharger shall rock the drainage ditch and the ditch's outlet over the fill bank. Remove all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils. The Discharger shall also install a waterbar across the road adjacent to the drainage ditch that drains into the drainage ditch running along the southern end of the greenhouses.

¹ Connected roads are road segments that deliver road surface runoff, via the ditch or road surface, to a stream crossing or to a connected drain that occurs within the high delivery potential portion of the active road network. A connected drain is defined as any cross-drain culvert, water bar, rolling dip, or ditch-out that appears to deliver runoff to a defined channel. A drain is considered connected if there is evidence of surface flow connection from the road to a defined channel or if the outlet has eroded a channel that extends from the road to a defined channel. (http://www.forestsandfish.com/documents/Road_Mgmt_Survey.pdf)

Erosion Control Point 5 – The Discharger shall further develop the drainage ditch draining the western and southern sides of the greenhouses. The Discharger shall also install a drainage ditch between the two greenhouses that drains into the existing drainage ditches on the southern end of the greenhouses. The Discharger shall rock the drainage ditch and the ditches outlet flow area over the fill bank. The Discharger shall also remove all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.

- e. Ditch relief drains, rolling dip outlets, and road pad or terrace surfaces shall be maintained to promote infiltration/dispersal of outflows and have no apparent erosion or evidence of soil transport to receiving waters.

Erosion Control Point 1 – Drainage flows from DRC 2 are eroding an embankment at this location. The Discharger shall rock armor the eroding bank to stop any erosion that is occurring.

Erosion Control Point 2 – An inside ditch is plugged and surface flows are draining onto the roads surface. Clear and re-establish the inside ditch to capture hillslope runoff and to prevent surface waters from eroding the road's surface.

- f. Stockpiled construction materials are stored in a location and manner so as to prevent their transport to receiving waters.

In compliance at this time. No stockpiled construction materials are on the property.

2. Stream Crossing Maintenance (Compliance: Y ☒ / N ☐)

- a. Culverts and stream crossings shall be sized to pass the expected 100-year peak streamflow.
- b. Culverts and stream crossings shall be designed and maintained to address debris associated with the expected 100-year peak streamflow.
- c. Culverts and stream crossings shall allow passage of all life stages of fish on fish-bearing or restorable streams, and allow passage of aquatic organisms on perennial or intermittent streams.
- d. Stream crossings shall be maintained so as to prevent or minimize erosion from exposed surfaces adjacent to, and in the channel and on the banks.
- e. Culverts shall align with the stream grade and natural stream channel at the inlet and outlet where feasible.²

² At a minimum, the culvert shall be aligned at the inlet. If infeasible to align the culvert outlet with the stream grade or channel, outlet armoring or equivalently effective means may be applied.

- f. Stream crossings shall be maintained so as to prevent stream diversion in the event that the culvert/crossing is plugged, and critical dips shall be employed with all crossing installations where feasible.³

In compliance at this time. There are no stream crossings located on this property.

3. Riparian and Wetland Protection and Management (Compliance: Y ☐/ N ☒)

- a. For Tier 1 Discharger's, cultivation areas or associated facilities shall not be located within 200 feet of surface waters. While 200 foot buffers are preferred for Tier 2 sites, at a minimum, cultivation areas and associated facilities shall not be located or occur within 100 feet of any Class I or II watercourse or within 50 feet of any Class III watercourse or wetlands. The Regional Water Board or its or its Executive Officer may apply additional or alternative⁴ conditions on enrollment, including site-specific riparian buffers and other BMPs beyond those identified in water resource protection plans to ensure water quality protection.

In compliance at this time. The Cultivation Sites are located outside the required riparian buffers for their respective neighboring watercourses.

- b. Buffers shall be maintained at natural slope with native vegetation.

In compliance at this time.

- c. Buffers shall be of sufficient width to filter wastes from runoff discharging from production lands and associated facilities to all wetlands, streams, drainage ditches, or other conveyances. Riparian and wetland areas shall be protected in a manner that maintains their essential functions, including temperature and microclimate control, filtration of sediment and other pollutants, nutrient cycling, woody debris recruitment, groundwater recharge, streambank stabilization, and flood peak attenuation and flood water storage.

Not compliance at this time. Addressed under Standard Condition A.1. (a, b, d), A.4., A.7. (a, c), A.10.

³ If infeasible to install a critical dip, an alternative solution may be chosen.

⁴ Alternative site-specific riparian buffers that are equally protective of water quality may be necessary to accommodate existing permanent structures or other types of structures that cannot be relocated.

4. Spoils Management (Compliance: Y ☐/ N ☒)

- a. Spoils⁵ shall not be stored or placed in or where they can enter any surface water.
- b. Spoils shall be adequately contained or stabilized to prevent sediment delivery to surface waters.
- c. Spoils generated through development or maintenance of roads, driveways, earthen fill pads, or other cleared or filled areas shall not be sidecast in any location where they can enter or be transported to surface waters.

Spoils piles are located near drainage ditches that are hydrologically connected to watercourses. The Discharger shall remove all spoil piles away from any drainage ditch, other drainage features, or anywhere it can be transported into any drainage or surface flow that enters a drainage. Soil piles shall be contained by tarping them during the winter, top and bottom, and placing a fiber log or straw bales around the pile during the winter season, and located where they cannot be transported into any drainage or watercourse.

5. Water Storage and Use (Compliance: Y ☐/ N ☒)

- a. Size and scope of an operation shall be such that the amount of water used shall not adversely impact water quality and/or beneficial uses, including and in consideration with other water use by operations, instream flow requirements and/or needs in the watershed, defined at the scale of a HUC-12⁶ watershed or at a smaller hydrologic watershed as determined necessary by the Regional Water Board Executive Officer.

This project consists of five Cultivation Site (CS) totaling 10,960 square feet.

- CS 1 consists of a greenhouse on a developed landing built into a hillside with an approximate slope of 40%. The site includes one 10' x 50' greenhouse.
- CS 2 consists of a greenhouse on a developed landing built into a hillside with an approximate slope of 40%. The site includes one 20' x 150' greenhouse.
- CS 3 consists of two greenhouses on a developed landing built into a hillside with an approximate slope of 41%. The site includes one 20' x 55' greenhouse and one 20' x 60' greenhouse.
- CS 4 consists of two greenhouses on a developed landing built into a hillside with an approximate slope of 41%. The site includes one 20' x 100' greenhouse and one 20' x 108' greenhouse.
- CS 5 consists of two greenhouses on a developed landing built into a hillside with an approximate slope of 35%. The site includes two 10' x 50' greenhouses.

⁵ Spoils are waste earthen or organic materials generated through grading or excavation, or waste plant growth media or soil amendments. Spoils include but are not limited to soils, slash, bark, sawdust, potting soils, rock, and fertilizers.

⁶ See definition and link to maps at: <http://water.usgs.gov/GIS/huc.html>

The Discharger estimates that at peak water usage they use **3,000-gallons every three to four days**. This equates to approximately **860-gallons per day at peak water usage**. To meet 150-day forbearance requirements on water diversions, using water usage estimates provided by the Discharger and accounting for current existing water storage, the Discharger must obtain approximately 116,745-gallons more of water storage. This estimated water storage requirement estimate does not account for supplemental water supply provided by the well on the property and is assuming the Discharger's only source of water is a water diversion.

- b. Water conservation measures shall be implemented. Examples include use of rainwater catchment systems or watering plants with a drip irrigation system rather than with a hose or sprinkler system.

There is no sign that water conservation measures are used during the cultivation season. The Discharger shall implement water conservation measures according to the Water Board's water conservation better management practices 102, 106, 114 – 117, 119, 120, and 122; or the Discharger's own preferred water conservation measures. The more water the Discharger can conserve, the less the Discharger will have to obtain in water storage. The Discharger shall install float-valves on appropriate storage tanks to prevent overflow. The Discharger shall install water meters to better document usage.

- c. For Tier 2 Discharger's, if possible, develop off-stream storage facilities to minimize surface water diversion during low flow periods.

The Discharger currently has approximately 73,750-gallons of dedicated water storage (2 x 20,000-gallon bladders, 7 x 2,500-gallon tanks, 1 x 3,000-gallon tank, 1 x 1,550-gallon tank, 3 x estimated 3,000-gallon bladders, 1 x estimated 700-gallon tank, 2 x estimated 1,000-gallon tanks); not including mixing tank volume (1 x 660-gallon tank). There is a well on the property which the Discharger shall use to substitute surface diversions during the forbearance period. The Discharger shall fill his water storage outside of the forbearance. According to the required Lake and Stream Bed Alteration agreement with California Department of Fish and Wildlife once completed, and switch to the well and storage as a water source during the forbearance period. If the Discharger's well cannot provide adequate water for the forbearance period, the Discharge shall increase water storage, or another well, to provide water for the scale and scope of the cultivation operation so that no water is diverted during the forbearance period.

- d. Water is applied using no more than agronomic rates.⁷

There is no evidence to conclude that the Discharger irrigates at a greater rate than the growth medium can facilitate. No signs of over watering are present on-site.

⁷ "Agronomic rates" is defined as the rates of fertilizer and irrigation water that a plant needs to enhance soil productivity and provide the crop or forage growth with needed nutrients for optimum health and growth, without having any excess water or nutrient percolate beyond the root zone.

- e. Diversion and/or storage of water from a stream should be conducted pursuant to a valid water right and in compliance with reporting requirements under Water Code section 5101.

There is one point of diversion located on the property. If the Discharger continues to use the surface water diversion for commercial cannabis cultivation, the Discharger must ensure no surface water is diverted for 150 days during the forbearance period from May 15th to October 15th for cultivation purposes. This point of diversion (POD) consists of a 2" PVC pipe with a screened intake placed in a small water impoundment. The impoundment structure is constructed of a thick tarp, metal fence posts and boards. This impoundment of water is currently diverting 100% of stream flow and will need to be removed and replaced with an approved CDFW diversion structure. The Discharger will need to file a Lake and Stream Bed Alteration agreement with California Department of Fish and Wildlife for the diversion structure, even if it is only used for domestic use. Current CDFW approved diversion infrastructure and/or spring box infrastructure will need to meet certain requirements. These requirements are: The diversion infrastructure shall be installed by the Discharger with a structure that will not dewater the stream, the diversion infrastructure shall not intercept greater than 20% of the flow at any time, the intake shall be no greater than 1 foot below the stream bed, the top of the spring box shall be covered at all times to prevent entry by wildlife and the diversion infrastructure shall not exceed 2 cubic feet in volume and excavation shall not exceed 3 cubic feet for installation. Void spaces that remain after infrastructure installation shall be backfilled with clean washed rock.

The Discharger is currently diverting and storing surface water without an appropriate water right. An Initial Statement of Water Diversion and Use will need to be filed with the State Water Control Board, even if it is only used for domestic use. If waters from the surface water diversion are used for cultivation, the Discharger will then need to apply for a Small Irrigation Use Registration once available. The Discharger cannot comply with Standard Condition A.5.e. until the Small Irrigation Use program is completed and made available by the State Water Control Board or the Discharger no longer uses this diversion for commercial cannabis activities.

- f. Water storage features, such as ponds, tanks, and other vessels shall be selected, sited, designed, and maintained so as to insure integrity and to prevent release into waters of the state in the event of a containment failure.

The water storage tanks are in secure locations. Water bladders are located on stable flats. The Discharger shall site water bladders in a containment pit, or build a dirt berm around the bladder per attached specifications.

6. Irrigation Runoff (Compliance: Y ☒/ N ☐)

Implementing water conservation measures, irrigating at agronomic rates, applying fertilizers at agronomic rates and applying chemicals according to the label specifications, and maintaining stable soil and growth media should serve to minimize the amount of runoff and the concentration of chemicals in that water. In the event that irrigation runoff occurs, measures shall be in place to treat/control/contain the runoff to minimize the pollutant loads in the discharge. Irrigation runoff shall

be managed so that any entrained constituents, such as fertilizers, fine sediment and suspended organic particles, and other oxygen consuming materials are not discharged to nearby watercourses. Management practices include, but are not limited to, modifications to irrigation systems that reuse tailwater by constructing off-stream retention basins, and active (pumping) and or passive (gravity) tailwater recapture/redistribution systems. Care shall be taken to ensure that irrigation tailwater is not discharged towards or impounded over unstable features or landslides.

In compliance at this time. There are no signs of irrigation runoff within the cultivation sites.

7. Fertilizers and Soil Amendments (Compliance: Y ☐/ N ☒)

- a. Fertilizers, potting soils, compost, and other soils and soil amendments shall be stored in locations and in a manner in which they cannot enter or be transported into surface waters and such that nutrients or other pollutants cannot be leached into groundwater.

Fertilizers, soil amendments, soil bags and piles are stored in a structure and left uncontained around cultivation areas and associated cultivation structures. The Discharger shall provide protection from wind and rain throughout the rainy season, and locate fertilizers where they cannot be transported into any drainage or watercourse. The Discharger shall store all bagged and boxed fertilizers on pallets and not accumulate on the ground. Soil piles shall be located where they cannot be transported into any drainage or watercourse and contained by tarping them during the winter, top and bottom, and placing a fiber log or straw bales around the pile during the winter season. Potting soils and soil piles located around Cultivation Site 2 & 3 are also addressed under Standard Condition A.7.c.

- b. Fertilizers and soil amendments shall be applied and used per packaging instructions and/or at proper agronomic rates.

In compliance at this time. The Discharger shall ensure that fertilizers and soil amendments are applied and used per packaging instructions and/or at proper agronomic rates.

- c. Cultivation areas shall be maintained so as to prevent nutrients from leaving the site during the growing season and post-harvest.

Erosion Control Point 3 & 4 – Cultivation Sites 2 & 3 have remnant potting soils nearby drainage ditches where sediment and nutrients in the soil can be transported into a drainage ditch. These drainages are hydrologically connected to other drainages that reach the South Fork Eel River. The Discharger shall remove or contain all potting soils located near the drainage ditches and spread chipped slash or woody debris over any remnant soils to prevent their transportation to any drainage and help absorb any constrained nutrients within the soils.

8. Pesticides/Herbicides (Compliance: Y☒/ N☐)

At the present time, there are no pesticides or herbicides registered specifically for use directly on cannabis and the use of pesticides on cannabis plants has not been reviewed for safety, human health effects, or environmental impacts. Under California law, the only pesticide products not illegal to use on cannabis are those that contain an active ingredient that is exempt from residue tolerance requirements and either registered and labeled for a broad enough use to include use on cannabis or exempt from registration requirements as a minimum risk pesticide under FIFRA section 25(b) and California Code of Regulations, title 3, section 6147. For the purpose of compliance with conditions of this Order, any uses of pesticide products shall be consistent with product labeling and any products on the site shall be placed, used, and stored in a manner that ensures that they will not enter or be released into surface or ground waters.

In compliance at this time. Pesticides shall be applied per specifications included in the packaging. The Discharger shall store the pesticides and herbicides with the fertilizers and soil amendments in a covered structure.

9. Petroleum products and other chemicals (Compliance: Y☒/ N☐)

- a. Petroleum products and other liquid chemicals, including but not limited to diesel, biodiesel, gasoline, and oils shall be stored so as to prevent their spillage, discharge, or seepage into receiving waters. Storage tanks and containers must be of suitable material and construction to be compatible with the substance(s) stored and conditions of storage such as pressure and temperature.
- b. Above ground storage tanks and containers shall be provided with a secondary means of containment for the entire capacity of the largest single container and sufficient freeboard to contain precipitation.
- c. Discharger's shall ensure that diked areas are sufficiently impervious to contain discharged chemicals.
- d. Discharger(s) shall implement spill prevention, control, and countermeasures (SPCC) and have appropriate cleanup materials available onsite.
- e. Underground storage tanks 110 gallons and larger shall be registered with the appropriate County Health Department and comply with State and local requirements for leak detection, spill overflow, corrosion protection, and insurance coverage.

There is no bulk fuel storage in use on the property at this time. The majority of fuel canisters are being stored in a shipping container near the residence. Some fuel canisters are being stored in locations near drainages, such as the fuel canister next to the water pump near the Point of Diversion (POD) or other surface flows. The fuel canister located near the POD shall be placed in secondary containment and located out of the watercourse. The associated pump

shall have an oil and fuel catch pan underneath it at all times and not be located in the watercourse. The unused truck-bed fuel tender tank located near DRC 1 shall be located away from any drainage surface flows that reach any drainage. If this tank is used for fuel storage it will shall have secondary containment equal to the volume of the tank. The Discharger shall store all fuel tanks with secondary containment and fuel canisters and other related chemicals in covered structures when not in use so as to prevent their spillage, discharge, or seepage into receiving waters.

10. Cultivation-related wastes (Compliance: Y ☐/ N ☒)

Cultivation-related wastes including, but not limited to, empty soil/soil amendment/fertilizer/pesticide bags and containers, empty plant pots or containers, dead or harvested plant waste, and spent growth medium shall, for as long as they remain on the site, be stored⁸ at locations where they will not enter or be blown into surface waters, and in a manner, that ensures that residues and pollutants within those materials do not migrate or leach into surface water or groundwater's.

Fertilizers, soil amendments, and soil bags and piles located around the property are being stored where their contents can enter drainages that reach watercourses. The Discharger shall store all fertilizer and soil in covered structures, not exposed to surface flows, or be stored off the ground on pallets and have tarps placed over the bagged fertilizers and soils during the winter season. Spent growth medium was found around Cultivation Site 2 and 3 and is addressed under Standard Condition A.7.c. Other cultivation-related wastes listed above, not including spent growth medium and fertilizer bags, are to be stored in locations where they will not enter into surface waters.

11. Refuse and human waste (Compliance: Y ☐/ N ☒)

- a. Disposal of domestic sewage shall meet applicable County health standards, local agency management plans and ordinances, and/or the Regional Water Board's Onsite Wastewater Treatment System (OWTS) policy, and shall not represent a threat to surface water or groundwater.

There is a septic system attached to the residence and there is also a pit toilet outhouse just above the residence. There are no obvious signs of sewage discharge such as foul odor, vegetation blooms, or pooling effluent. The Discharger shall remove the outhouse toilet located above the main residence. This standard condition cannot be met at this time until the Discharger obtains proof that any disposal site of domestic sewage meets applicable County health standards, local agency management plans and ordinances, and/or the Regional Water Board's Onsite Wastewater Treatment System (OWTS) policy, and shall not represent a threat to surface water or groundwater.

⁸ Plant waste may also be composted, subject to the same restrictions cited above for cultivation-related waste storage.

- b. Refuse and garbage shall be stored in a location and manner that prevents its discharge to receiving waters and prevents any leachate or contact water from entering or percolating to receiving waters.

In compliance at this time. The Discharger is storing refuse and garbage in lidded trash cans in a contained area next to storage sheds and cabins at the main residence area.

- c. Garbage and refuse shall be disposed of at an appropriate waste disposal location.

In compliance at this time. Garbage and refuse is regularly disposed of at an appropriate waste disposal location in Redway at the Redway Transfer Station.

- 12. Remediation/Cleanup/Restoration** Remediation/cleanup/restoration activities may include, but are not limited to, removal of fill from watercourses, stream restoration, riparian vegetation planting and maintenance, soil stabilization, erosion control, upgrading stream crossings, road outcropping and rolling dip installation where safe and suitable, installing ditch relief culverts and overside drains, removing berms, stabilizing unstable areas, reshaping cutbanks, and rockering native-surfaced roads. Restoration and cleanup conditions and provisions generally apply to Tier 3 sites, however owners/operators of Tier 1 or 2 sites may identify or propose water resource improvement or enhancement projects such as stream restoration or riparian planting with native vegetation and, for such projects, these conditions apply similarly. Appendix B accompanying this Order includes environmental protection and mitigation measures that apply to cleanup activities such as: temporal limitations on construction; limitations on earthmoving and construction equipment; guidelines for removal of plants and revegetation; conditions for erosion control, limitations on work in streams, riparian and wetland areas; and other measures.

Mitigation measures are listed below in the Mitigation Report and also noted above in the document.

Mitigation Report (Identified Sites Requiring Remediation)

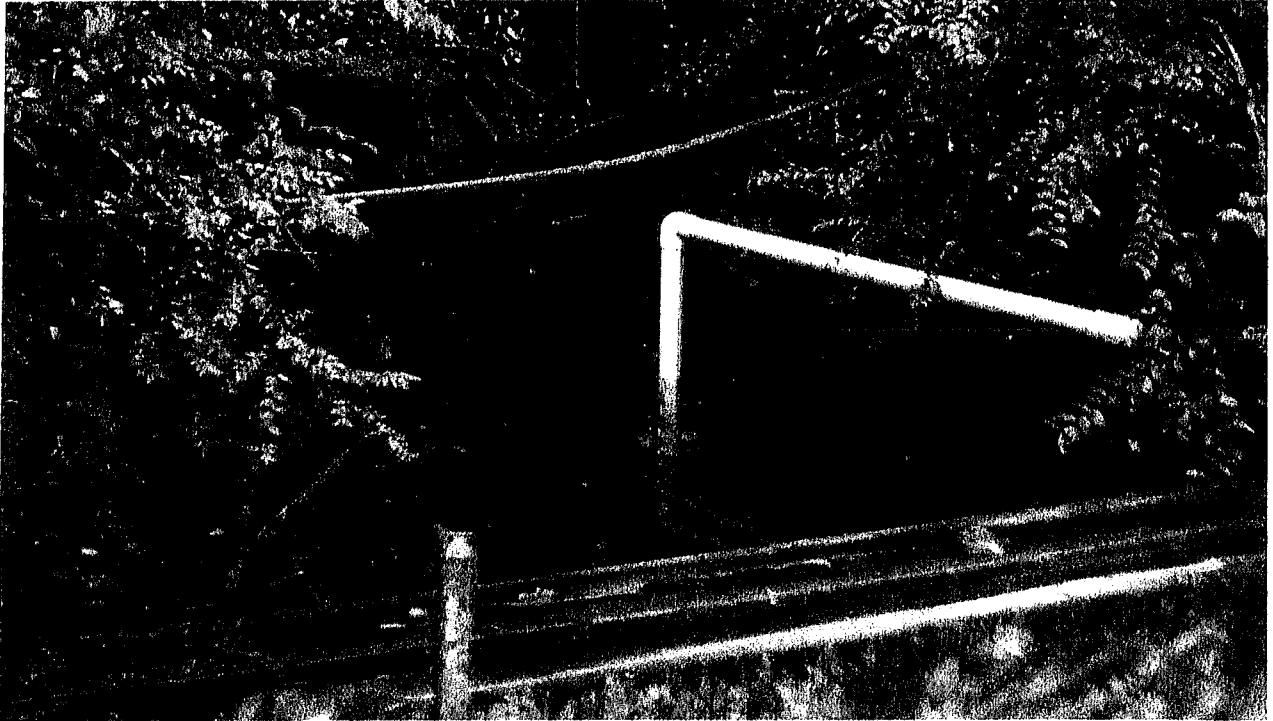
Unique Point(s)	Map Point Description	Associated Standard Condition	Temporary BMP	Permanent BMP	Priority for Action	Time Schedule for completion of Permanent BMP	Completion Date
RP 1	Inside ditch crossing culvert is plugged with sediment and debris	A.1. b.	N/A	Unplug culvert or replace with an 18" diameter culvert	2	10/15/2017	
RP 2 & RP 3	Inside ditch with makeshift improvements eroding the roads surface	A.1. b.	N/A	Further develop the inside ditch from Road Point 2 to Road Point 3 and rock the adjacent road. Install waterbars per attached specifications to drain the road into the inside ditch.	3	10/15/2018	
RP 4	No or little road rock on the roads surface between RP 4 and RP 5 & RP 6	A.1. b.	N/A	Rock the road from Road Point 4 to Road Point 5, after the inside ditch and associated ditch relief culvert is installed, and from Road Point 4 to Road Point 6.	2	10/15/2017	
RP 5 & RP 6	DRC 4 is draining onto the road at RP 5 where it is pooling and draining across the roads surface, resulting in erosion of the road surface	A.1. b.	N/A	Install an inside ditch relief culvert at Road Point 5 and an inside ditch running from the well head draining to the newly installed DRC at RP 5. Rock armor the inlet and outlets per attached specifications. Also rock armor the cutbank below the outlet flow area down to the landing where the water bladder below is located.	3	10/15/2018	
RP 7	Inside ditch without adequate drainage facilities or structures	A.1. b.	N/A	Install an 18" diameter inside ditch relief culvert and rock armor the inlet and outlet per attached specifications.	3	10/15/2018	
RP 8	Inside ditch without adequate drainage facilities or structures	A.1. b.	N/A	Install an 18" diameter inside ditch relief culvert and rock armor the inlet and outlet per attached specifications.	3	10/15/2018	
RP 9	Concentrated surface flows are eroding the roads surface	A.1.b	N/A	Install a waterbar per attached specifications	2	10/15/2017	
RP 10	Concentrated surface flows are eroding the roads surface	A.1.b	N/A	Install a waterbar per attached specifications	2	10/15/2017	
DRC 1	A ditch relief culvert flows are downcutting and eroding a bank ~20 ft. past the outflow area	A.1. b.	N/A	Rock armor the outlet and outlet area up to the eroding bank approximately 15 feet past the outflow area	2	10/15/2017	
DRC 2	Newly installed DRC with no rock armoring	A.1. b.	N/A	Rock armor the inlet and outlets per attached specifications	2	10/15/2017	
DRC 3	Newly installed DRC with no rock armoring	A.1. b.	N/A	Rock armor the inlet and outlets per attached specifications. Also, rock armor the outlet flow area down to where flows reach the road where the well is located.	2	10/15/2017	
ECP 1	Outlet flows from DRC 1 are eroding a bank below the outflow area	A.1. e.	N/A	Rock armor the slope and base of the bank where the erosion is occurring	2	10/15/2017	
ECP 2	Failed inside ditch is draining onto the roads surface	A.1. b.	N/A	Clear and re-establish the inside ditch. Install a waterbar above that drains into the inside ditch	3	10/15/2018	

ECP 3	Discharger constructed a drainage ditch along the western side of the greenhouse that drains under a board crossing into an inside ditch. Remnant potting soils and past soil piles are located nearby drainage ditches.	A.1. e.	N/A	Further develop the drainage ditch, rock the drainage ditch, and replace the makeshift board crossing with a ditch relief culvert. Rock armor the ditch relief culvert per attached specifications. Remove or properly contain all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.	3	10/15/2018	
ECP 4	Discharger constructed a drainage ditch along the southern end of the greenhouses. Remnant potting soils and past soil piles are located nearby drainage ditches.	A.1. e.	N/A	Install a waterbar across the road that drains into the ditch. Further develop the drainage ditch, rock the drainage ditch and the ditches outlet flow area over the fill bank. Remove or properly contain all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.	3	10/15/2018	
ECP 5	Discharger constructed a makeshift drainage ditch along the southern and western sides of the greenhouses.	A.1. e.	N/A	Further develop the drainage ditch, rock the drainage ditch and the ditches outlet area over the fill bank. Remove or properly contain all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.	3	10/15/2018	
UA 1	A cutbank slumped out into an inside ditch and adjacent road	A.1. c.	Use straw bales or fiber logs in the drainage ditch below the unstable area and place straw bales or fiber logs around the base of the slumped bank.	Buttress the toe of this unstable feature per attach specifications and install erosion control measures to help slow and prevent sediment delivery to drainages.	1	10/15/2017	
Outhouse/ Residence	Outhouse/Septic system	A.11.	N/A	Discontinue use of the outhouse and remove the structure. Obtain proof that any disposal site of domestic sewage meets applicable County health standards, local agency management plans and ordinances, and/or the Regional Water Board's Onsite Wastewater Treatment System (OWTS) policy.	4	Shortest time possible, but no later than the expiration of this Order (five years)	
N/A	Uncontained fertilizer bags, soil piles, and soil bags	A.7. (a, c)	Immediately clean up and contain all fertilizer bags, soil piles, and soil bags	Provide protection from wind and rain throughout the rainy season for fertilizers, and locate fertilizers where they cannot be transported into any drainage or watercourse. Store all bagged and boxed fertilizers on pallets and not accumulate on the ground. Soil piles shall be located where they cannot be transported into any drainage or watercourse and contain all soil piles by tarping them during the winter, top and bottom, and placing a fiber log or straw bales around the pile during the winter season.	1	10/15/2017	

Point of Diversion, Well, Water Storage	Water Storage and Use	A. 5.	N/A	<p>--Fuel canisters located near the POD shall be placed in secondary containment and located out of the watercourse. The associated pump shall have an oil and fuel catch pan underneath it at all times and not be located in the watercourse.</p> <p>--Remove and replace the diversion structure with an approved CDFW diversion structure, pursuant to a CDFW Lake & Stream Bed Alteration agreement.</p> <p>--Obtain a functioning well; or obtain water storage that can provide adequate water supply for the scale and scope of the cultivation operation during the forbearance period from May 15th to October 15th.</p> <p>--An Initial Statement of Water Diversion and Use shall be filed with the California State Water Resources Control Board while Discharger waits to apply for a Small Irrigation Use Registration, once available.</p> <p>--Implement water conservation measures. Install float valves on applicable water tanks. Install water meters to better document water usage.</p> <p>Site water bladders in a containment pit, or build a dirt berm around the bladder per attached specifications.</p>	2	10/15/2017	
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Treat Priority: Treatment Priority (1) indicates a very high priority with treatment being planned to occur immediately, (2) indicates a high priority site with treatment being planned to occur prior to the start of the winter period (Oct. 15), (3) indicates a moderate priority with treatment being planned to occur within one year, or prior to the winter period (Oct. 15) of the 2nd season of operations, and (4) indicates a low priority with treatment being planned to occur in the shortest time possible, but no later than the expiration of this Order (five years)

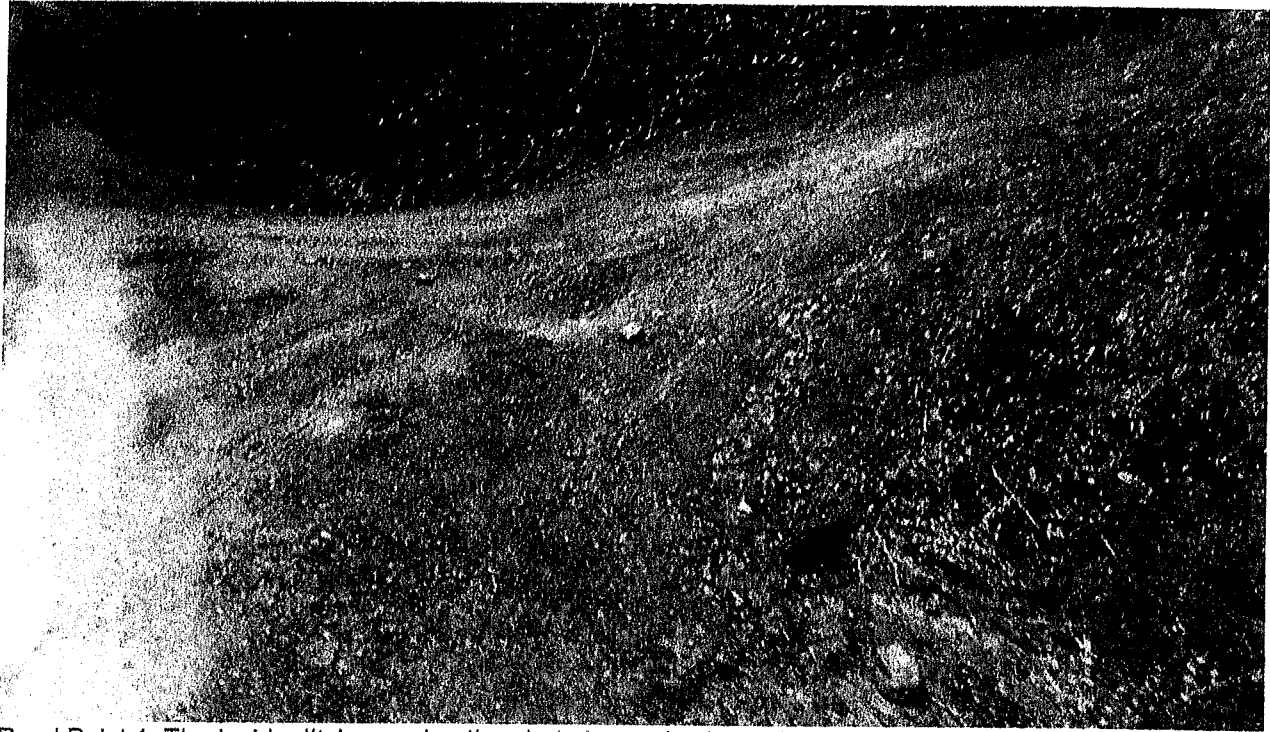
Attached Photo's



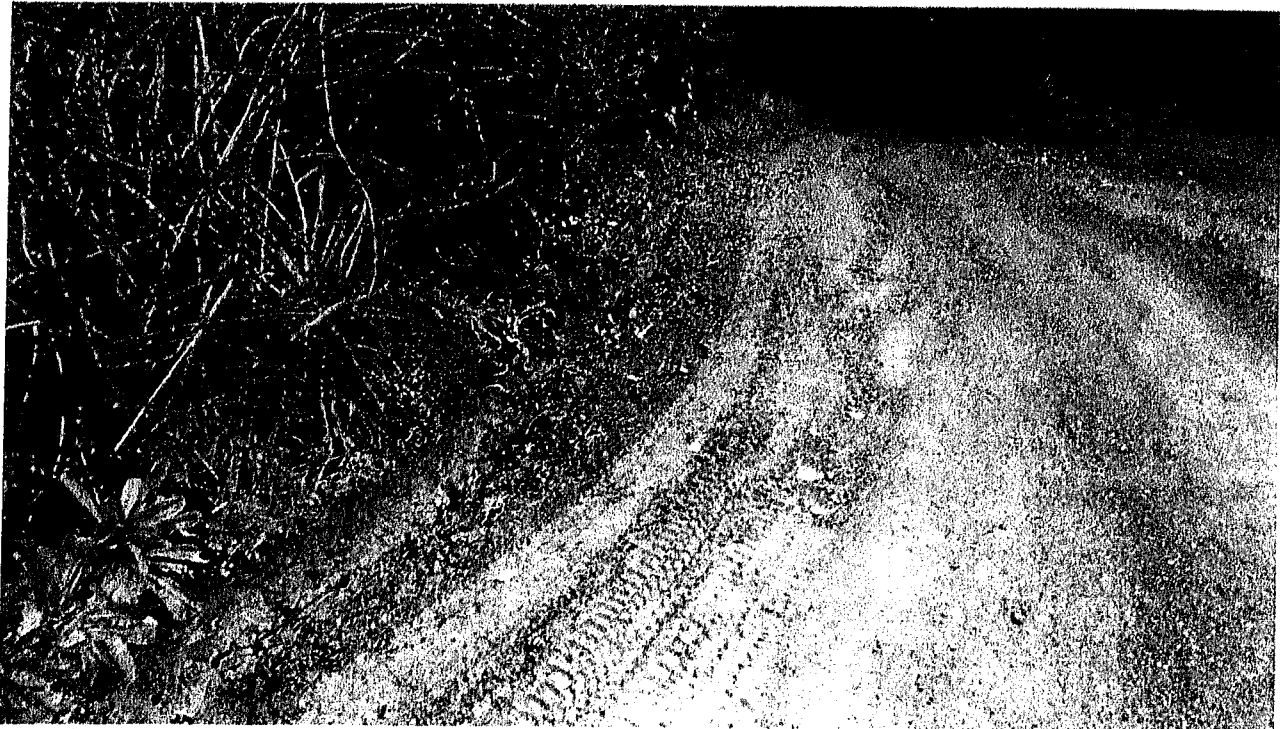
Point of Diversion Intake: The Discharger shall remove this diversion and install an approved diversion structure pursuant to a CDFW Lake and Stream Bed Alteration agreement. All photos were taken 12/6/2016



Below Point of Diversion: The Discharger shall remove this diversion and install an approved diversion structure pursuant to a CDFW Lake and Stream Bed Alteration agreement.



Road Point 1: The inside ditch crossing the photo is nearly plugged. The Discharger shall unplug the culvert or replace it with an 18" diameter culvert.



Road Point 3 towards Road Point 2: The Discharger has created a makeshift inside ditch as shown in the photo. The Discharger shall fully develop the inside ditch, rock the adjacent road and install waterbars across the road to divert surface flows into the inside ditch.



Road Point 5 looking towards Road Point 4: This picture shows road surface flows coming from the outlet flows of DRC 4 draining down and across the roads surface. The Discharger shall install an inside ditch along the cutbank on the right of the road in the photo to capture the surface flows coming from DRC 4 and install a ditch relief culvert where the water crosses the roads surface.



Road Point 5: This photo shows the flows from the opposite direction of the photo above.



Road Point 4 looking at road surface erosion on the road up to Road Point 6. The Discharger shall rock armor the road up to Road Point 6.



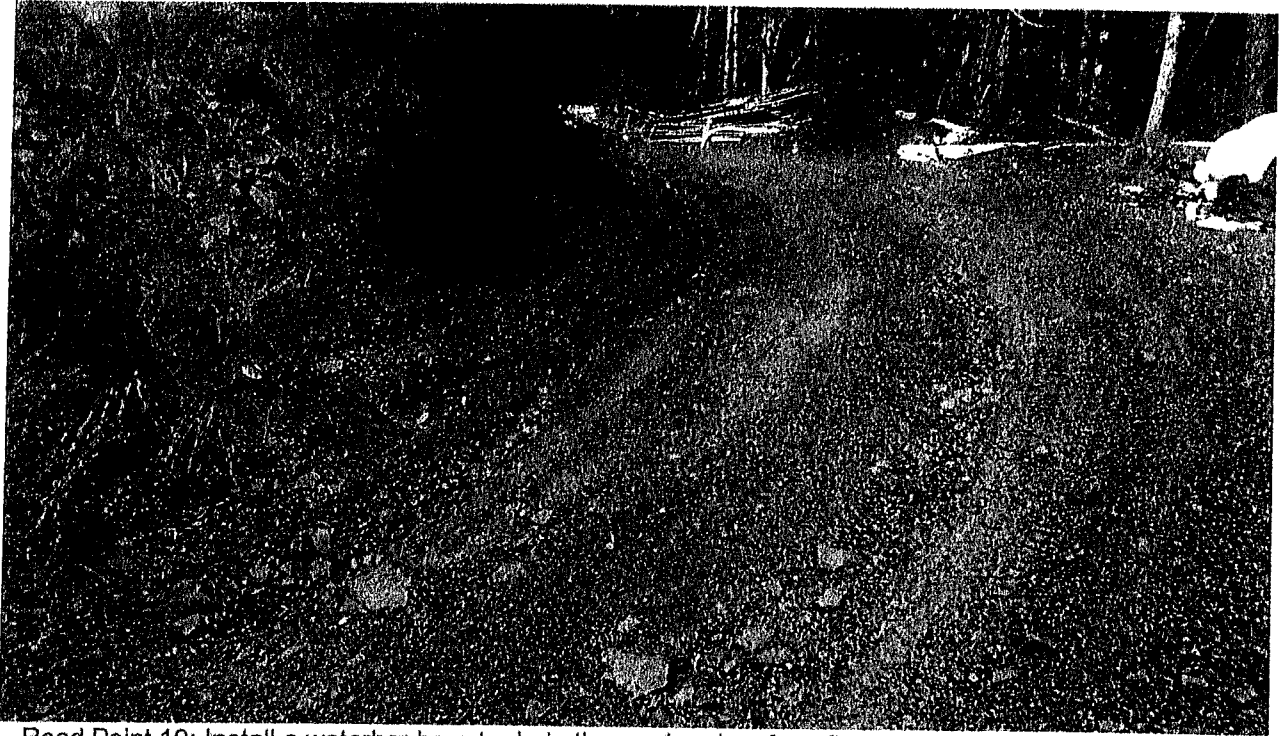
Road surface erosion that needs to be rocked between Road Point 4 and Road Point 6.



Road Point 8: Install an 18" diameter inside ditch relief culvert and rock armor the inlet and outlet per attached specifications at this location.



Road Point 9: Install a waterbar here per attached specifications.



Road Point 10: Install a waterbar here to drain the road and surface flows coming from the greenhouses around the corner to the left in the photo. This segment of road, between Road Point 4 and Road Point 6 also needs to be rocked.



The Discharger shall install drainage ditches between the greenhouse above in the photo and direct the flows of the drainage ditches to the back of the greenhouses so that they no longer drain onto the road as shown in the photo above. This segment of road, between Road Point 4 and Road Point 6 shall be rocked.



Ditch Relief Culvert 1 Inlet: The Discharger shall rock armor the inlet of this ditch relief culvert per attached specifications.



Ditch Relief Culvert 1 Outlet: Flows coming from the ditch relief culverts outlet are eroding the bank bottom center in the photo. The Discharger shall rock armor the outlet of the DRC and the eroding the bank located in the bottom center of the photo.



Erosion Control Point 1: Ditch relief outflow is eroding the bank center bottom of the photo. The eroding bank shall be rock armored.



Ditch Relief Culvert 2 Inlet: The Discharger shall rock armor the inlet of this ditch relief culvert per attached specifications.



Ditch Relief Culvert 2 Outlet: The Discharger shall rock armor the outlet of this ditch relief culvert per attached specifications.



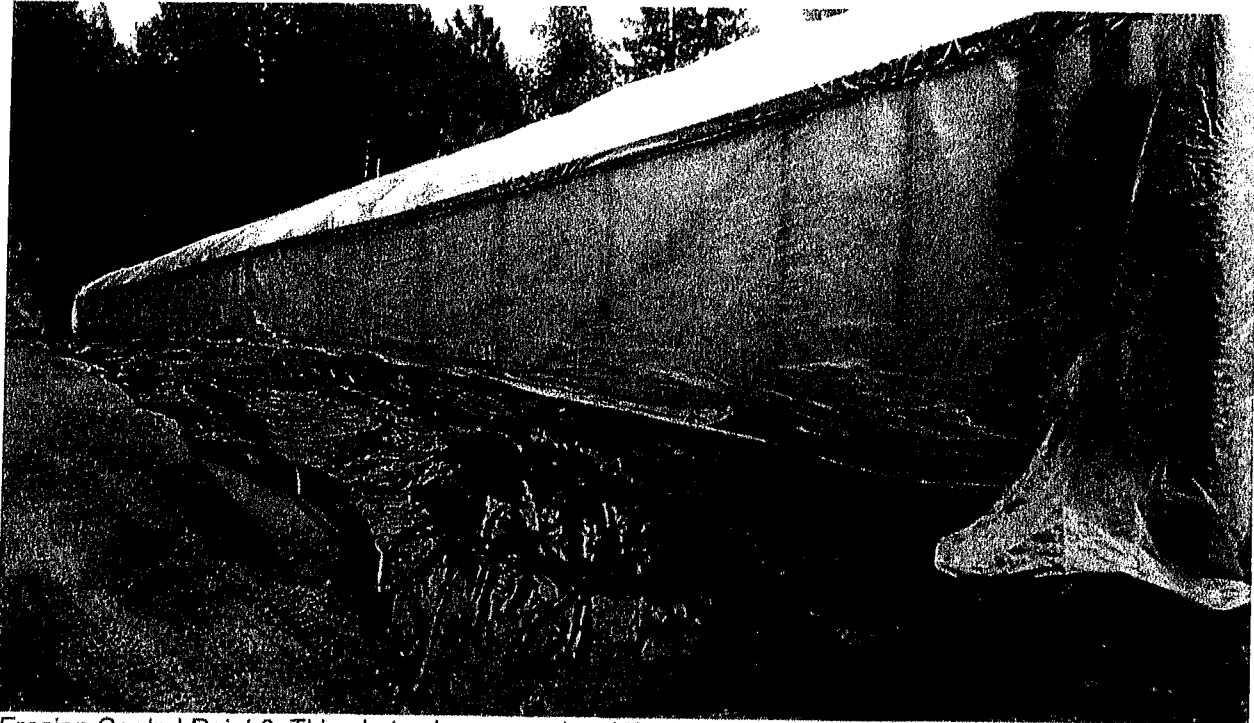
Ditch Relief Culvert 3 Inlet: The Discharger shall rock armor the inlet of this ditch relief culvert per attached specifications.



Ditch Relief Culvert 3 Outlet: The Discharger shall rock armor the outlet of this ditch relief culvert per attached specifications.



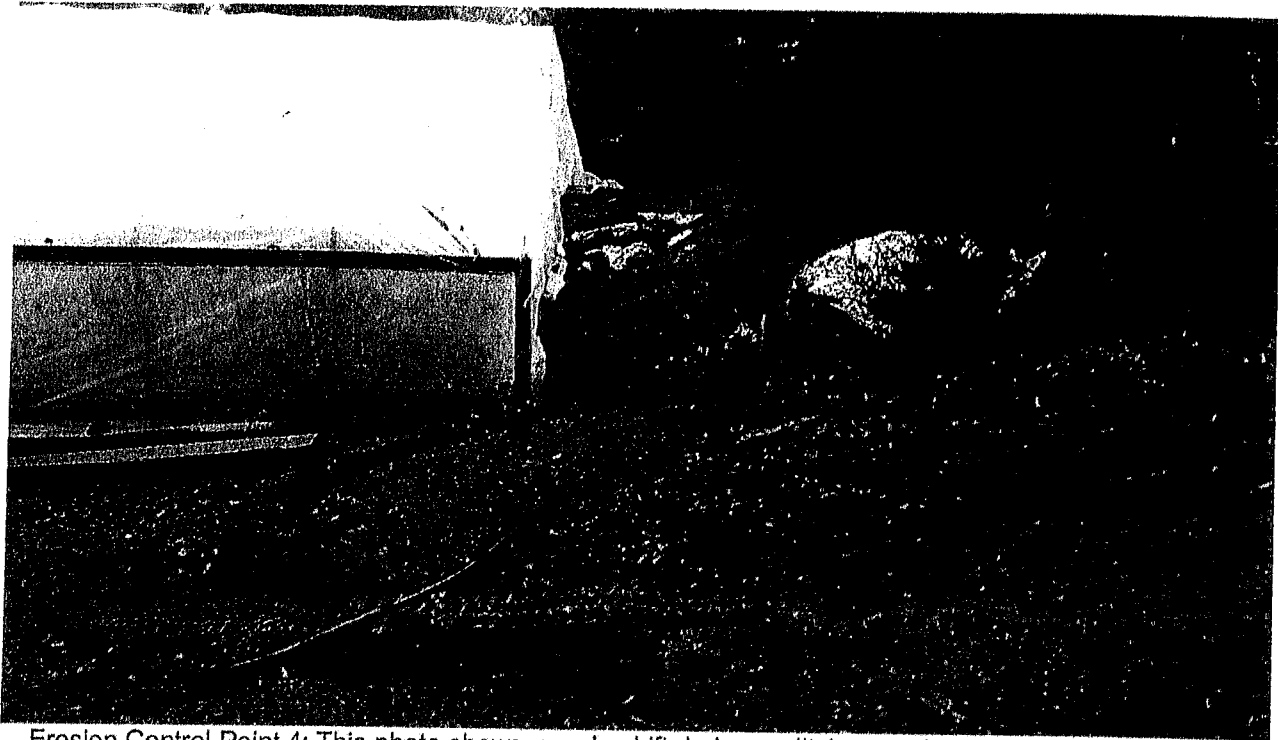
Erosion Control Point 2: Failed inside ditch draining onto the roads surface. The Discharger shall clear the inside ditch located along the left side of the photo and install a waterbar above the ditch that drains road surface flows into the inside ditch.



Erosion Control Point 3: This photo shows a make shift drainage ditch that the Discharger installed to help drain the flat of rain water. The Discharger shall further develop the drainage ditch and rock the drainage ditch. Remove or properly contain all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.



Erosion Control Point 3: This photo shows a makeshift drainage ditch crossing the road. The Discharger shall install a drainage ditch relief culvert where the boards are located that drain into the inside ditch on the left side of the photo. The Discharger shall also rock armor the inlet and outlets per attached photos.



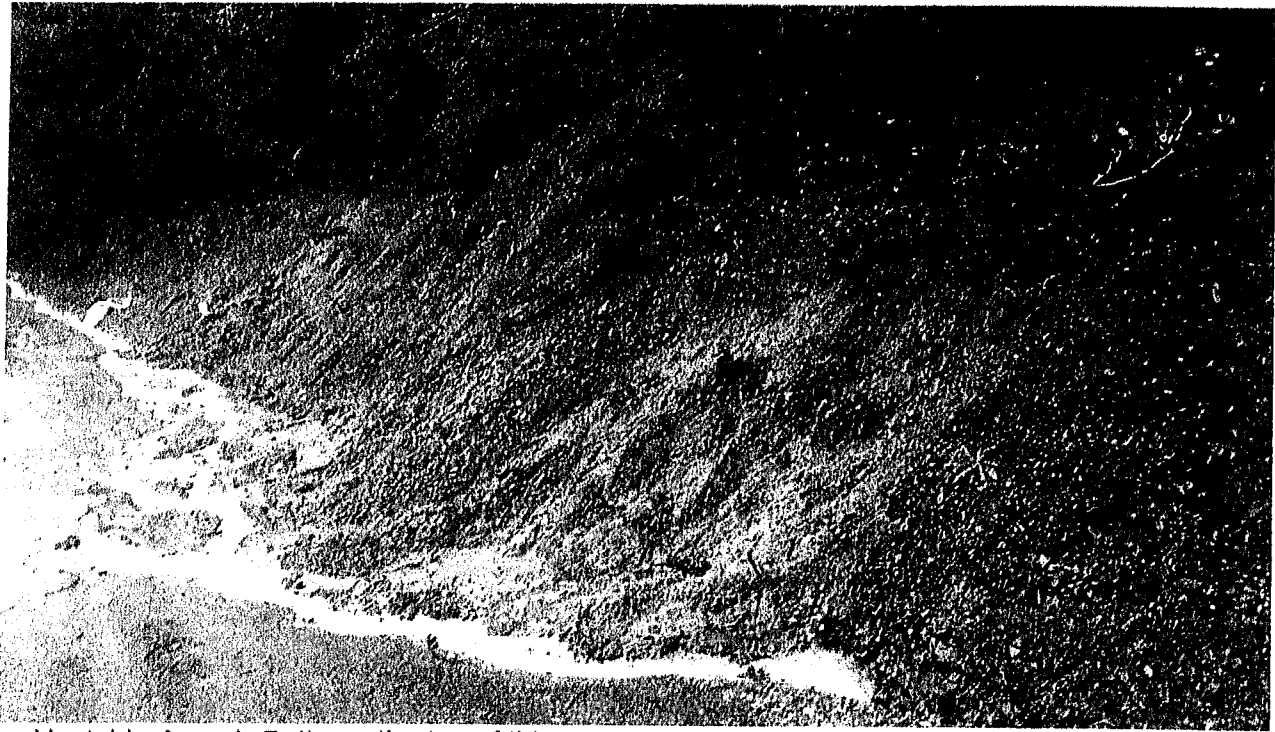
Erosion Control Point 4: This photo shows a makeshift drainage ditch capturing road surface runoff and draining the flows away from the cultivation site. The Discharger shall install a waterbar across the road that drains into this ditch. The Discharger shall also further develop the drainage ditch, rock the drainage ditch and the ditches outlet flow area over the fill. The Discharger shall also remove all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.



Erosion Control Point 4: This photo shows the drainage ditch from the cultivation area. The Discharger shall remove or properly contain all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.



Erosion Control Point 5: This photo shows a make shift drainage ditch that is capturing rain water and draining it away from the cultivation site. The Discharge shall install a drainage ditch in between the greenhouses that drains into the existing drainage ditch shown in the photo. The Discharger shall also further develop the drainage ditch, rock the drainage ditch and the ditches outlet area over the fill. The Discharger shall also remove all potting soils located near these drainage ditches and spread chipped slash or woody debris over any remnant soils.



Unstable Area 1: Butress the toe of this unstable feature per attach specifications and install erosion control measures to help slow and prevent sediment delivery to drainages. Use straw bales or fiber logs in the drainage ditch below the unstable area and place straw bales or fiber logs around the base of the slumped bank. Picture taken 1/18/2017

Attachments

BMP: Ditch Relief Culvert

- Install ditch relief culverts at an oblique (typically 30 degree) angle to the road so that ditch flow does not have to make a sharp angle turn to enter the pipe. On low gradient roads (<5%), where ditch flow is slow, ditch relief culverts can be installed at right angles to the road.
- Install ditch relief culverts (DRC) to outlet at, and drain to, the base of the fill.
- If it cannot be installed at the base of the fill, install the DRC with a grade steeper than the inboard ditch draining to the culvert inlet, and then install a downspout on the outlet to carry the culverted flow to the base of the fillslope.
- Downspouts longer than 20 feet should be secured to the hillslope for stability.
- Ditch relief culverts should not carry excessive flow such that gulying occurs below the culvert outlet.
- Do not discharge flows from ditch relief culverts onto unstable or highly erodible hillslopes.
- If the ditch is on an insloped or crowned road, consider using outsloping to drain the road surface. The ditch and the ditch relief culvert would then convey only spring flow from the cutbank and upslope ditch, and not turbid runoff from the road surface.

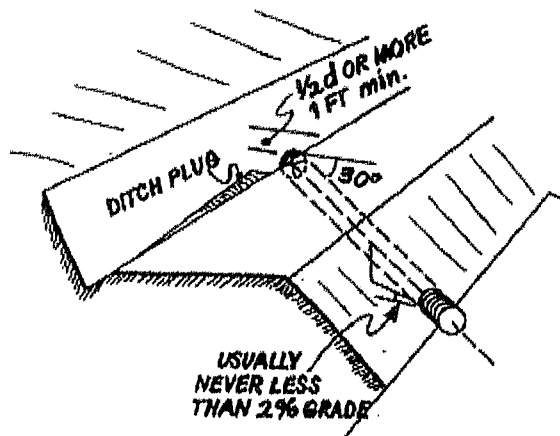
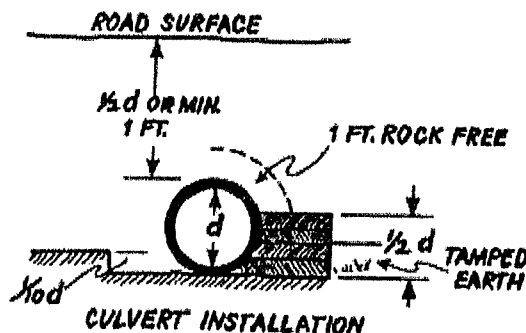


FIGURE 48. The elements of a properly installed ditch relief culvert. The culvert is angled at about 30 degrees to the road alignment to help capture flow and prevent culvert plugging or erosion of the inlet area. It is set at the base of the fill (ideally) or with a grade slightly steeper than the grade of the contributing ditch (but never with a grade less than 2 percent) (USDA-SCS, 1983). At a minimum, the grade of the ditch relief culvert should be sufficient to prevent sediment accumulation at the inlet or deposition within the culvert itself (it should be self-cleaning) (USDA-SCS, 1983).



HANDBOOK FOR FOREST, RANCH AND RURAL ROADS

BMP: Inlet and Outlet Armoring

- Inlets of culverts and associate fills shall be protected with rock armoring that extends at least as high as the top of the culvert.
- Outlets of culverts shall be provided a rocked energy dissipater at the outfall of the culvert.
- Outlets of culverts and associate fills shall be protected with rock armoring that extends at least as high as the top of the culvert if road fill sloughing into channel can occur.
- Prior to inlet and outlet rocking, the inlet and outlets shall be prepared. Preparation will include removal of vegetation and stored materials from the inlet and outlet.
- Inlets may require construction of an inlet basin.
- Slopes at the outlet should be shaped to a 2:1 or natural slope prior to placing rock armor.
- Rock used at culvert inlets and outlets should be a matrix of various sized rocks and rip-rap that range from a 3" dia. to a 2' dia.
- The largest rocks should be places at the base of the culvert or fill. Incrementally smaller rocks shall be placed over the larger rocks at the armoring extend up the slope. Voids and spaces shall be back filled with smaller gravels and rocks.

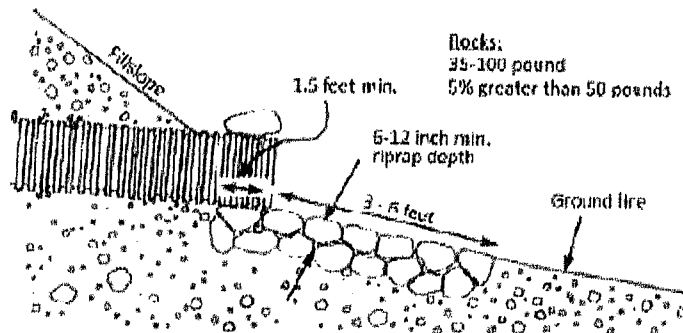


FIGURE 107A. Riprap armor at culvert outlet (Modified from: Keller et al., 2011).

HANDBOOK FOR FOREST, RANCH AND RURAL ROADS

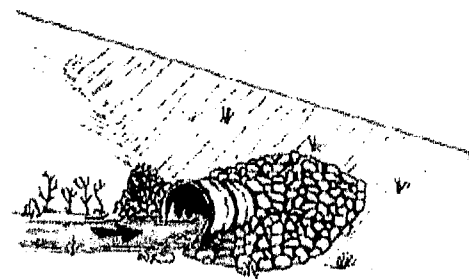
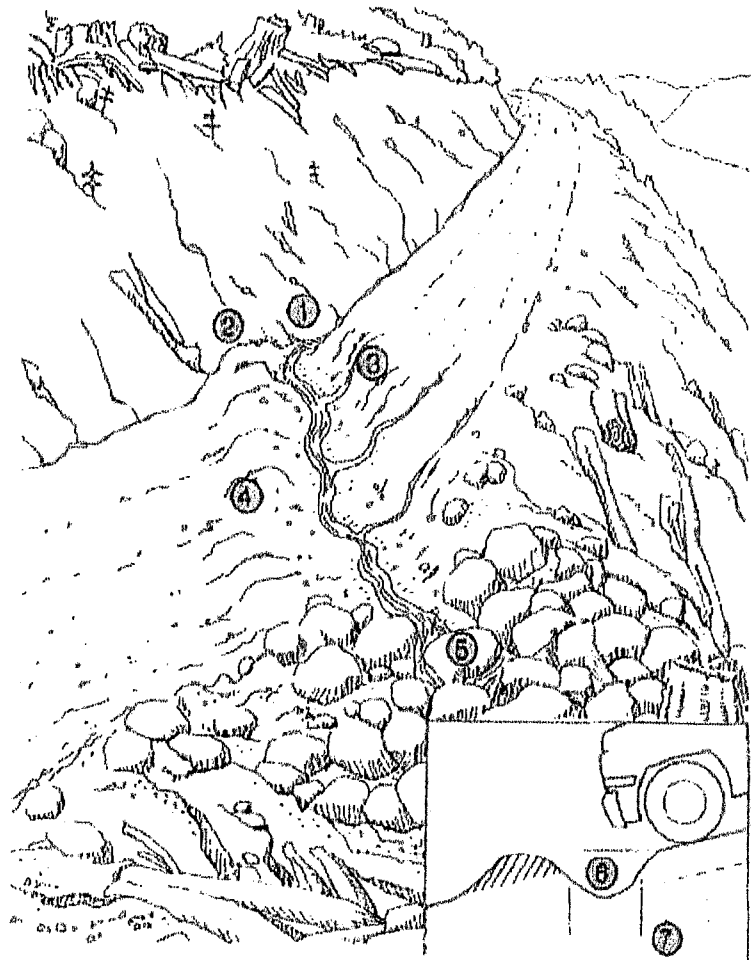


FIGURE 107B. Riprap armor at culvert inlet (Keller and Sheraz, 2003).

BMP: Waterbar

FIGURE 40. Waterbars are constructed on unsurfaced forest and ranch roads that will have little or no traffic during the wet season. The waterbar should be extended to the cutbank to intercept all ditch flow (1) and extend beyond the shoulder of the road. A berm (2) must block and prevent ditch flow from continuing down the road during flood flows. The excavated waterbar (3) should be constructed to be self-cleaning, typically with a 30° skew to the road alignment with the excavated material bermed on the downhill grade of the road (4). Water should always be discharged onto the downhill side on a stable slope protected by vegetation. Rock (shown in the figure) should not be necessary if waterbars are spaced close enough to prevent serious erosion. (5) The cross ditch depth (6) and width (7) must allow vehicle cross-over without destroying the function of the drain. Several alternate types of waterbars are possible, including one that drains only the road surface (not the ditch), and one that drains the road surface into the inside ditch (BCMF, 1991).

HANDBOOK FOR FOREST, RANCH, AND RURAL ROADS



BMP: Storage Bladders

- Location for storage bladder must be sited and planned as to minimize the potential for impacts due to rolling and/or failure. Storage bladders should be stored on flat slopes where stability will not be affected.
- If bladders are stored on slopes the potential for rolling must be assessed and if necessary containment or anchors installed. Options to mitigate the potential for rolling may include a fence, dirt berm, or a tethered anchor.
- Secondary containment is recommended in the form of a dirt berm, containment pit or impermeable material with skeletal support. Dirt berms shall be sculpted to a maximum 1:2 slope ratio. The containment should be capable of holding the contents of the bladder. At the least, secondary containment should be designed to slow the initial force of a failure.
- Bladders should be monitored consistently throughout their use to prevent failure. Inspections for structural weaknesses and other risks that may cause failure should occur a minimum of once per month.



This is an example of a containment pit which will assist in mitigating the impacts if this storage bladder failed.

BMP: Cutbank buttress



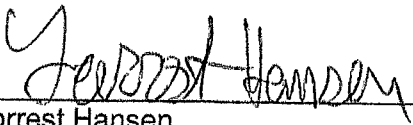
FIGURE 52. *This wet and potentially unstable cut slope on a newly constructed road was stabilized using a buttress of large rock armor. To assure their effectiveness, rock buttresses and other retaining structures should be designed by a qualified engineer or engineering geologist.*

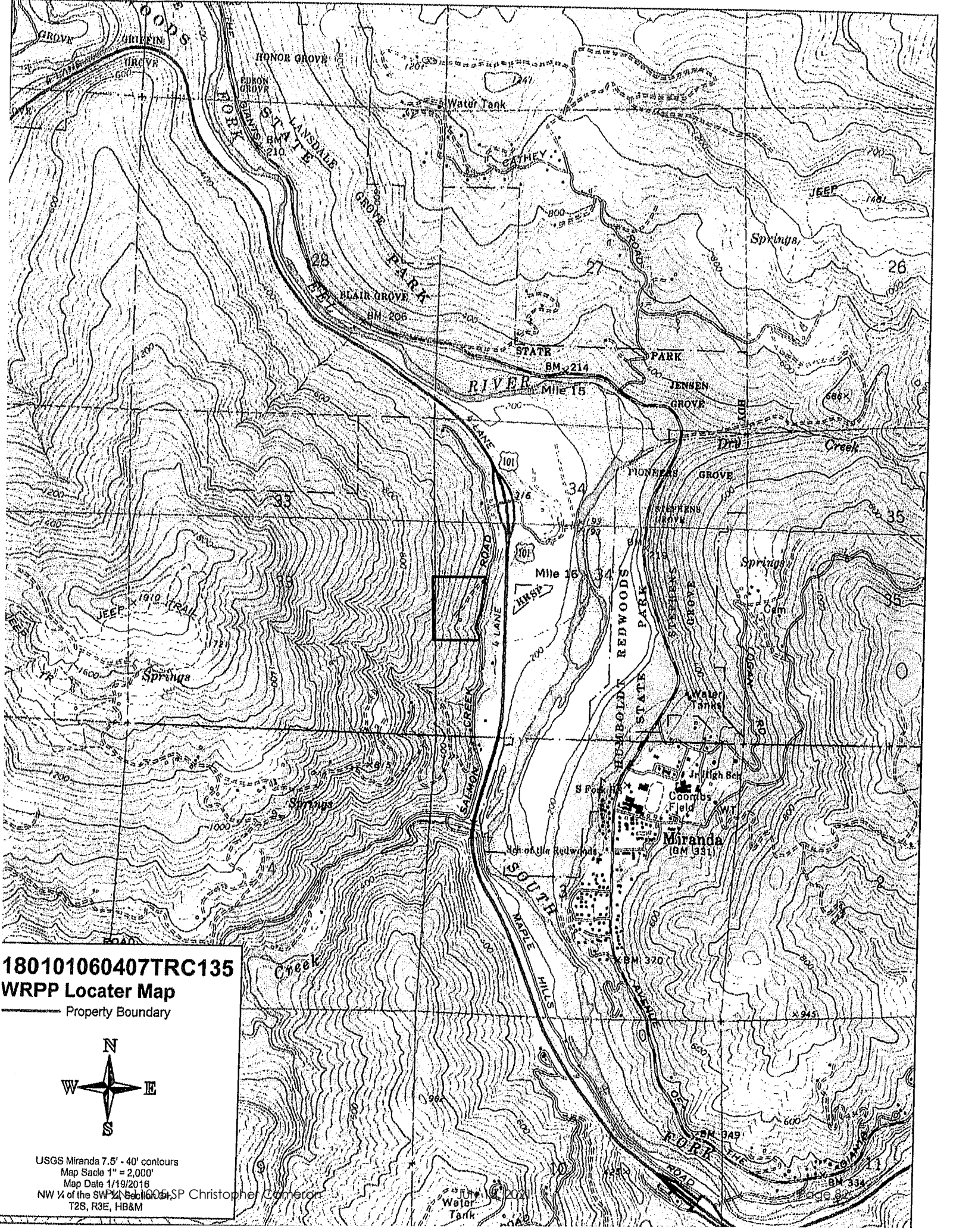
HANDBOOK FOR FOREST, RANCH AND RURAL ROADS

STATEMENT OF CONTINGENT AND LIMITING CONDITIONS CONCERNING THE PREPARATION AND USE OF WATER RESOURCE PROTECTION PLAN

Prepared by Timberland Resource Consultants

1. This Water Resource Protection Plan has been prepared for the property within APN 211-401-017 & 211-401-018 in Humboldt County, at the request of the Client.
2. Timberland Resource Consultants does not assume any liability for the use or misuse of the information in this Water Resource Protection Plan.
3. The information is based upon conditions apparent to Timberland Resource Consultants at the time the inspection was conducted, and as disclosed to Timberland Resource Consultants by the landowner and/or Discharger. Changes due to land use activities or environmental factors occurring after this inspection, have not been considered in this Water Resource Protection Plan.
4. Maps, photos, and any other graphical information presented in this report are for illustrative purposes. Their scales are approximate, and they are not to be used for locating and establishing boundary lines.
5. The conditions presented in this Water Resource Protection Plan may differ from those made by others or from changes on the property occurring after the inspection was conducted. Timberland Resource Consultants does not guarantee this work against such differences.
6. Timberland Resource Consultants did not conduct an investigation on a legal survey of the property.
7. Persons using this Water Resource Protection Plan are advised to contact Timberland Resource Consultants prior to such use.
8. Timberland Resource Consultants will not discuss this report or reproduce it for anyone other than the Client named in this report without authorization from the Client.

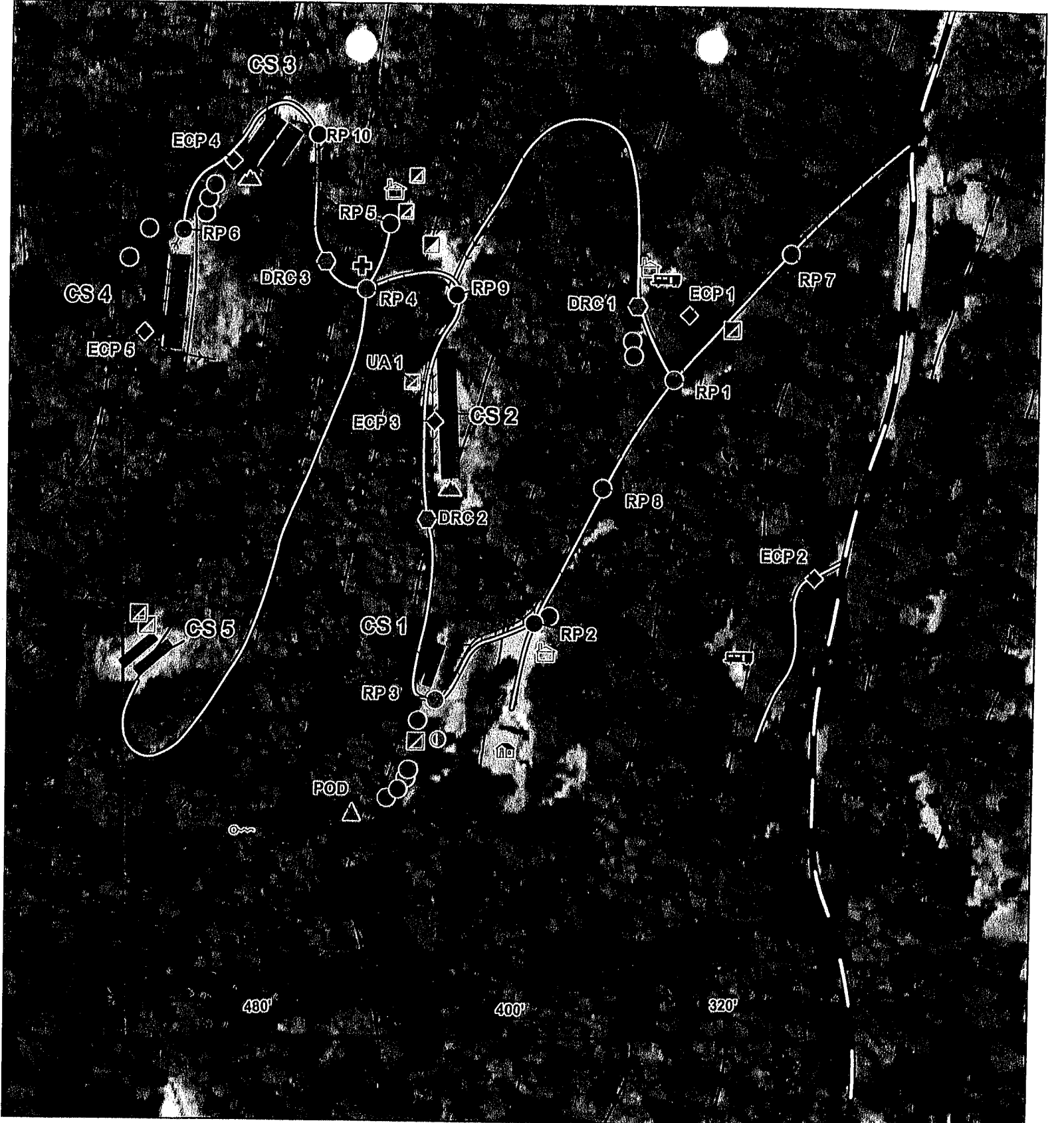

Forrest Hansen
Timberland Resource Consultants



180101060407TRC135
WRPP Locater Map
Property Boundary



USGS Miranda 7.5' - 40' contours
Map Scale 1" = 2,000'
Map Date 1/19/2016
NW ¼ of the SW ¼ Sec 1605, T2S, R3E, HB&M

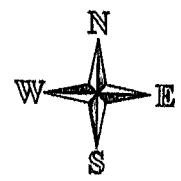


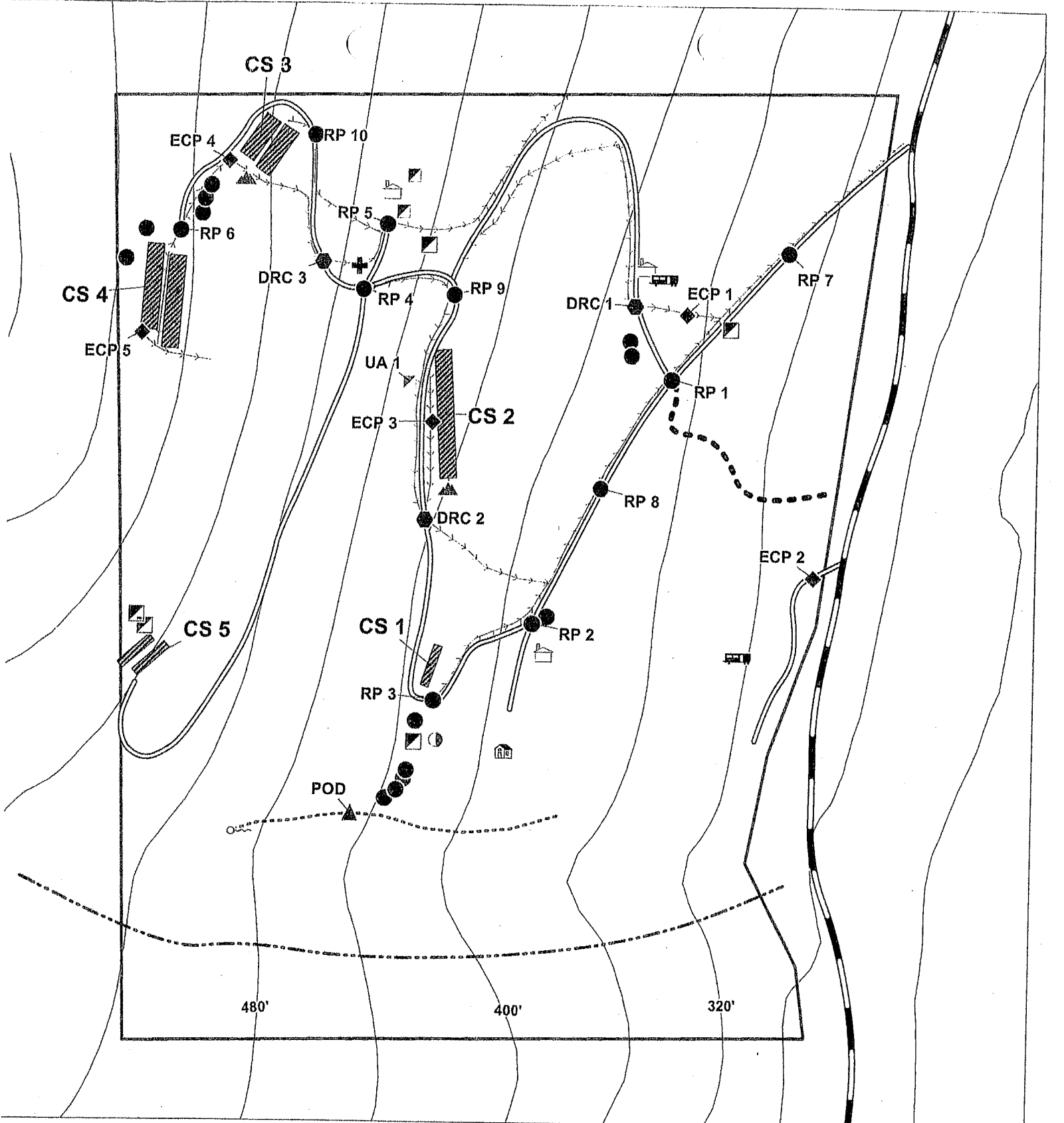
180101060407TRC135
WRPP Site Map

- Property Boundary
- Permanent Rocked Road
- ATV Trail
- Salmon Creek Road
- Erosion Control Point (ECP)
- Road Point (RP)
- Ditch Relief Culvert (DRC)

- Class II watercourse
- Class III watercourse
- Drainage ditch
- Point of Diversion (POD)
- Well
- Spring
- Water bladder
- Water tank/s

- Shop
- Residence
- Camper Trailer
- Outhouse
- Greenhouse Cultivation Site
- Soils/Soil Pile
- Cultivation Wastes



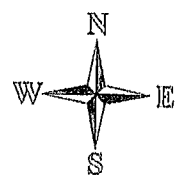


180101060407TRC135
WRPP Site Map

- Property Boundary
- Permanent Rocky Road
- ATV Trail
- Salmon Creek Road
- ◆ Erosion Control Point (ECP)
- Road Point (RP)
- Ditch Relief Culvert (DRC)

- Class II watercourse
- Class III watercourse
- Drainage ditch
- ▲ Point of Diversion (POD)
- ⊕ Well
- Spring
- ▲ Water bladder
- Water tank/s

- 🏠 Shop
- 🏠 Residence
- 🚐 Camper Trailer
- 🚽 Outhouse
- 🏠 Greenhouse Cultivation Site
- 🌱 Soils/Soil Pile
- 🗑️ Cultivation Wastes



40' contours
 Map Scale 1" = 150'
 Map Date 1/26/2017
 NW 1/4 of the SW 1/4, Section 34,
 T2S, R3E, HB&M

State of California
Well Completion Report
 Form DWR 188 Complete 7/24/2018
 WCR2018-004387

Owner's Well Number 1 Date Work Began 05/23/2018 Date Work Ended 06/06/2018
 Local Permit Agency Humboldt County Department of Health & Human Services - Land Use Program
 Secondary Permit Agency _____ Permit Number 17/18-0163 Permit Date 08/08/2017

Well Owner (must remain confidential pursuant to Water Code 13752)		Planned Use and Activity
Name <u>XXXXXXXXXXXXXXXXXXXX</u>	Activity <u>New Well</u>	
Mailing Address <u>XXXXXXXXXXXXXXXXXXXX</u> <u>XXXXXXXXXXXXXXXXXXXX</u>	Planned Use <u>Water Supply Irrigation - Agriculture</u>	
City <u>XXXXXXXXXXXXXXXXXXXX</u> State <u>XX</u> Zip <u>XXXXX</u>		

Well Location					
Address <u>2464 Salmon Creek RD</u>			APN <u>211-401-017</u>		
City <u>Miranda</u>	Zip <u>95553</u>	County <u>Humboldt</u>	Township <u>02 S</u>		
Latitude _____ N		Longitude _____ W		Range <u>03 E</u>	
Dec. Lat. <u>40.2457280</u>		Dec. Long. <u>-123.8359310</u>		Section <u>34</u>	
Vertical Datum _____		Horizontal Datum <u>WGS84</u>		Baseline Meridian <u>Humboldt</u>	
Location Accuracy _____		Location Determination Method _____		Ground Surface Elevation _____	
				Elevation Accuracy _____	
				Elevation Determination Method _____	

Borehole Information		Water Level and Yield of Completed Well	
Orientation <u>Vertical</u>	Specify _____	Depth to first water <u>68</u> (Feet below surface)	
Drilling Method <u>Direct Rotary</u>	Drilling Fluid <u>Air</u>	Depth to Static _____	
Total Depth of Boring <u>220</u> Feet		Water Level <u>65</u> (Feet)	Date Measured <u>06/06/2018</u>
Total Depth of Completed Well <u>220</u> Feet		Estimated Yield* <u>4</u> (GPM)	Test Type <u>Air Lift</u>
		Test Length <u>4</u> (Hours)	Total Drawdown <u>155</u> (feet)
*May not be representative of a well's long term yield.			

Geologic Log - Free Form		
Depth from Surface Feet to Feet		Description
0	4	hard clay
4	22	silt sandstone mix
22	58	soft shale
58	175	blue sandstone shale mix
175	220	fransiscan

Casings	
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Annular Material	
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Depth from Surface	Fill	Fill Type Details	Filter Pack Size	Description
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Other Observations:

Borehole Specifications

Depth from Surface	Borehole Diameter (inches)
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Certification Statement

TABLE 11. (Cont.)

Attachments

DWR Use Only

APN:

North Coast Regional Water Quality Control Board

December 8, 2020
REVISED

WDID:1_12CC416512

CHRISTOPHER CAMERON
PO BOX 328
GARBERVILLE, CA 95542

Subject: Notice of Applicability - Waste Discharge Requirements Water Quality
Order WQ 2019-0001-DWQ

The attached Notice of Applicability provides notice that the requirements of the State Water Board *Cannabis Cultivation Policy- Principles and Guidelines for Cannabis Cultivation* (Policy), and the *General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities*, Order WQ 2019-0001-DWQ (General Order – previously WQ 2017-0023-DWQ, with updates and revisions effective April 16, 2019) are applicable to the site as described below. Based on the information provided, the Discharger self-certifies the cannabis cultivation activities are consistent with the requirements of the State Water Board Policy and General Order.

Please direct all submittals, discharge notifications, and questions regarding compliance and enforcement to the North Coast Regional Water Quality Control Board Cannabis Program at (707) 576-2676 or northcoast.cannabis@waterboards.ca.gov.

Sincerely,

Matthias St. John
Executive Officer
North Coast Regional Water Quality Control Board

201208_1M_1_12CC416512_Salmon_NOA_Revised_TW

NOTICE OF APPLICABILITY – WASTE DISCHARGE REQUIREMENTS, WATER QUALITY ORDER WQ 2019-0001-DWQ, CHRISTOPHER CAMERON, HUMBOLDT COUNTY APN(s) 211-401-017-000 and 211-401-018-000

Christopher Cameron (hereafter “Discharger”) submitted information through the State Water Resources Control Board’s (State Water Board’s) online portal on May 29, 2019, for discharges of waste associated with cannabis cultivation related activities at Humboldt APN(s) 211-401-017-000 and 211-401-018-000 classified as Tier 1 Low Risk. On March 04, 2020, the Discharger submitted the required Site Management Plan for this enrollment. In the Site Management Plan the Discharger stated that an update to the existing risk was needed and should be changed to Tier 1 Moderate Risk. Based on the information provided, the Discharger self-certifies the cannabis cultivation activities are consistent with the requirements of the Policy and General Order. This letter provides notice that the Policy and General Order are applicable to the site as described below. You are hereby assigned waste discharge identification (WDID) number **1_12CC416512**.

The Discharger is responsible for all the applicable requirements in the Policy, General Order, and this Notice of Applicability (NOA). This includes making any necessary changes to the enrollment, and the Discharger is the sole person or entity with legal authority to make those changes. The Discharger will be held liable for any noncompliance with the Policy, General Order, and the NOA. Please note that this NOA does not provide authorization to cultivate cannabis; such authorization is provided through a license from the California Department of Food and Agriculture (CalCannabis), required permits from your local jurisdiction (City or County), and an agreement from the California Department of Fish and Wildlife. General Requirement #1 of the Policy and General Order, and by reference this NOA, require that you obtain all appropriate permits from those other agencies prior to cultivating cannabis.

1. FACILITY AND DISCHARGE DESCRIPTION

The information submitted by the Discharger states the disturbed area is equal to or greater than 2,000 square feet and less than 1 acre (43,560 square feet) no portion of the disturbed area is within the setback requirements, some portion of the disturbed area is located on a slope greater than 30 percent, and the cannabis cultivation area is less than or equal to 1 acre.

Based on the information submitted by the Discharger, the cannabis cultivation activities are classified as Tier 1 Moderate Risk.

2. SITE-SPECIFIC REQUIREMENTS

The Policy and General Order are available on the Internet at:

https://www.waterboards.ca.gov/water_issues/programs/cannabis/cannabis_water_quality.html

The Discharger shall ensure that all site operating personnel know, understand, and comply with the requirements contained in the Policy, General Order, this NOA, and the Monitoring and Reporting Program (MRP, Attachment B of the General Order). Note that the General Order contains standard provisions, general requirements, and prohibitions that apply to all cannabis cultivation activities.

The application requires the Discharger to self-certify that all applicable Best Practicable Treatment or Control (BPTC) measures are being implemented, or will be implemented by the onset of the winter period (November 15 - April 1), following the enrollment date. Landowners of the cultivation site in the North Coast Region are required to submit and implement Site Management Plans that describes how BPTC measures are implemented property-wide, including BPTC measures implemented to address discharges from legacy activities (e.g. former timber harvest, road building, mining, etc.) at the site per Provision C.1.a. of the General Order. Dischargers that cannot implement all applicable BPTC measures by the onset of the winter period, following their enrollment date, shall submit to the appropriate Regional Water Board a *Site Management Plan* that includes a time schedule and scope of work for use by the Regional Water Board in developing a compliance schedule as described in Attachment A of the General Order.

The Policy and General Order require that, prior to conducting any work in streams or wetlands, the Discharger obtain water quality certification from the Water Boards and other required permits from other agencies (e.g. a Clean Water Act section 404 permit from the United States Army Corps of Engineers, a Lake and Streambed Alteration Agreement from the California Department of Fish and Wildlife, and other local permits). Enrollment in the General Order requires that the Discharger obtain water quality certification for any such work, but this NOA does not provide the necessary certification. If the Discharger proposes or requires work in streams or wetlands, they must apply for water quality certification separately by filling out and submitting a separate application for that work. The application is available for download at the following Regional Water Board website:

https://www.waterboards.ca.gov/northcoast/water_issues/programs/cannabis/

Currently, the direct link to that application is as follows:

https://www.waterboards.ca.gov/northcoast/water_issues/programs/cannabis/pdf/200204/RB1_Cannabis_WQC_401_App.pdf

Note: Water Quality Certifications require separate application and monitoring fees. A fee calculator and additional information are available at:

https://www.waterboards.ca.gov/northcoast/water_issues/programs/water_quality_certification/#401_calc

During reasonable hours, the Discharger shall allow the State Water Board or Regional Water Board (collectively Water Boards), California Department of Fish and Wildlife, CAL FIRE, and any other authorized representatives of the Water Boards upon presentation of a badge, employee identification card, or similar credentials, to:

- i. enter premises and facilities where cannabis is cultivated; where water is diverted, stored, or used; where wastes are treated, stored, or disposed; or in which any records are kept;
- i. access and copy, any records required to be kept under the terms and conditions of the Policy and General Order;
- ii. inspect, photograph, and record audio and video, any cannabis cultivation sites, and associated premises, facilities, monitoring equipment or device, practices, or operations regulated or required by the Policy and General Order; and
- iii. sample, monitor, photograph, and record audio and video of site conditions, any discharge, waste material substances, or water quality parameters at any location for the purpose of assuring compliance with the Policy and General Order.

3. TECHNICAL REPORT REQUIREMENTS

The following technical report(s) shall be submitted by the Discharger as described below:

A Site Management Plan, by August 26, 2019, consistent with the requirements of General Order Provision C.1.a., and Attachment A, Section 5. Attachment D of the General Order provides guidance on the contents of the Site Management Plan.

A Site Erosion and Sediment Control Plan consistent with the requirements of General Order Provision C.1.b., and Attachment A, Section 5. The Site Erosion and Sediment Control Plan shall be approved by the Regional Water Board Executive Officer prior to implementation. Attachment D of the General Order provides guidance on the contents of the Site Erosion and Sediment Control Plan.

A *Site Closure Report* must be submitted 90 days prior to permanently ending cannabis cultivation activities and seeking to rescind coverage under the General Order. The *Site Closure Report* must be consistent with the requirements of General Order Provision C.1.e., and Attachment A, Section 5. Attachment D of the General Order provides guidance on the contents of the *Site Closure Report*.

4. MONITORING AND REPORTING PROGRAM

The Discharger shall comply with all provisions of the Monitoring and Reporting Program (MRP), which appears as Attachment B to the General Order. The Discharger shall also comply with all provisions of the *North Coast Regional Supplement to Annual Monitoring and Reporting Requirements for Statewide Cannabis General Order WQ 2017-0023-DWQ* (Regional Supplement), which independently appears as Investigative Order No. R1-2019-0023, issued by the Regional Water Board Executive Officer on March 22, 2019. Annual reports for both sets of requirements shall be submitted to the Regional Water Board in a combined report by March 1 following the year being monitored through the online portal (<https://public2.waterboards.ca.gov/cgo>). The Discharger shall not implement any changes to the MRP or to the Regional Supplement unless and until a revised MRP or Regional Supplement is issued by the Regional

Water Board Executive Officer or the State Water Board Division of Water Quality Deputy Director, or the State Water Board Chief Deputy Director.

A copy of Attachment B to the General Order can be obtained online at the following location, or by contacting staff at the phone number and email address listed below.
https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2019/wqo2019_0001_dwq.pdf#page=32.

A copy of the Regional Supplement can be obtained online at the following location, or by contacting staff at the phone number and email address listed below.
https://www.waterboards.ca.gov/northcoast/board_decisions/adopted_orders/pdf/2019/19_0023_Regional%20Supplement%2013267%20Order.pdf.

5. ANNUAL FEE

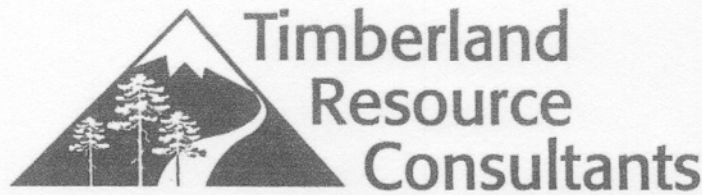
According to the information submitted, the discharge is classified as Tier 1 Moderate Risk. The 2018-2019 annual fee for that tier and risk level was set at \$1,800, but please note that the Fee Schedule is updated annually and future fees may be invoiced at different rates. Invoices are sent by the State Water Board at the beginning of each calendar year (generally in February). Do not submit payments without receiving an invoice. If you have questions or concerns about your fees please contact the Fee Branch at FeeBranch@waterboards.ca.gov or (916) 341-5247. The fee is due and payable on an annual basis until coverage under this General Order is formally rescinded. To rescind coverage, the Discharger must submit a Request for Termination in writing through the online portal (available at: <https://public2.waterboards.ca.gov/cgo>), including a Site Closure Report at least 90 days prior to termination of activities and include a final MRP report.

6. TERMINATION OF COVERAGE UNDER THE GENERAL ORDER & REGIONAL WATER BOARD CONTACT INFORMATION

Enrollees that propose to terminate coverage under the General Order must submit a Request for Termination in writing through the online portal (<https://public2.waterboards.ca.gov/cgo>). The Request for Termination consists of a formal statement regarding the reason for requesting termination (i.e. cultivation is no longer occurring, the property is being sold, etc.), documentation that the site is in compliance with the General Order, including dated photographs and a written discussion. If the site is not meeting the requirements of the General Order, then the enrollment cannot be terminated. Regional Water Board staff will review the Request for Termination for completeness before determining if a property inspection, enrollment termination, or a request for additional information is appropriate.

If the Discharger cannot comply with the General Order, or will be unable to implement an applicable BPTC measure contained in Attachment A by the onset of the winter period each year, the Discharger shall notify the North Coast Regional Cannabis Unit staff at (707) 576-2676 or northcoast.cannabis@waterboards.ca.gov so that a site-specific compliance schedule can be developed.

Cc: Kevin Porzio, State Water Resources Control Board,
dwq.cannabis@waterboards.ca.gov
Cheri Sanville, California Department of Fish and Wildlife,
cheri.sanville@wildlife.ca.gov
Cliff Johnson, Humboldt County Planning and Building,
cjohnson@co.humboldt.ca.us



165 South Fortuna Boulevard, Fortuna, CA 95540
707-725-1897 • fax 707-725-0972
trc@timberlandresource.com

October 21, 2019

Cannabis Services Division
Humboldt County Planning and Building Department
3015 H Street
Eureka, CA 95501

Dear Planner,

Re: APN 211-401-017
Application #12920

This letter is in response to Department Policy Statement No. 16-002, which states, *"If a workable alternative cultivation site exists on a parcel and its relocation will bring the cultivation into compliance with performance standards of the CMMLUO, this approach could meet the objectives of the CMMLUO provided it is the environmentally superior option."*

As a Third-Party representative to the Water Board, Timberland Resource Consultants recommends relocating Cultivation Site #1 and Cultivation Site #3 to the Proposed Relocation Site near Cultivation Site #2 as shown on the attached Relocation Maps.

The Proposed Relocation Site is superior to Cultivation Site #1 for the following reason detailed below;

1. The Proposed Relocation Site is environmentally superior because it is outside of the riparian buffer zone. The project was previously enrolled in Water Board Order No. 2015-0023 and is therefore grandfathered into the setbacks required by this order. Water Board Order No. 2015-0023, Standard Condition (I)(A)(3)(a), states that *"While 200 foot buffers are preferred for Tier 2 sites, at minimum, cultivation areas and associated facilities shall not be located or occur within 100 feet of any Class I or II watercourse or within 50 feet of any Class III watercourse or wetlands"*. Cultivation Site #1 is located on the northeast portion of the property and is approximately 5 to 10-feet from the Class III bank seep. The Proposed Relocation Site is located in the center of the property and is approximately 75+ feet away from the nearest Class III watercourse.

The Proposed Relocation Site is superior to Cultivation Site #3 for the following reasons detailed below;

1. Cultivation Site #3 resides on a hillside with slopes that are 35-40 percent. The section of road that is used to access this site also has a maximum road grade of 40 percent which only allows for seasonal access by 4-wheel drive vehicles. A steep road cannot be drained via "out-sloping" unless the angle of the out-slope exceeds the road grade, which in this case would be dangerous and perhaps impossible. Even if this particular section of road was significantly improved with rock surfacing, rolling-dips, and ditch relief culverts; it will always be a source of erosion, and a maintenance

headache due to the steep road grade. The Proposed Relocation Site has a slope of approximately 30 percent and the access road has a maximum of 15 percent road grade.

2. Cultivation Site #3 is located within the setback of the western property boundary. The Performance Standards for all CMMLUO Cultivation and Processing Operations, states that *"The area of cannabis cultivation shall be located as shown on the application site plan, set back at least 30 feet from any property line, and 600 feet from any School, School Bus Stop, Church or other Place of Religious Worship, Public Park, or Tribal Cultural Resource."* Cultivation Site #3 is located approximately 25-feet from the property boundary. The Proposed Relocation Site is well outside of the property boundary setbacks.

The Cultivator is subject to State-wide Order WQ 2019-0001-DWQ. The Cannabis Policy provides criteria to evaluate the threat to water quality based on site conditions. The threat is risk-based based upon:

- a. Disturbed area
- b. Slope of disturbed area
- c. Proximity to surface water body

Cultivation Site #1 is classified as "High Risk" to water quality due to the proximity to surface water. Cultivation Site #3 is classified as "Medium Risk" to water quality due to the disturbed area having a slope greater than 30 percent. The Proposed Relocation Site is classified as a "Medium Risk" to water quality based on slope and compliance with the setback requirements for surface water.

Restoration Plan

Once relocation is approved, remediation of Cultivation Site #1 and Cultivation Site #3 will occur.

The Cultivator shall remove all cultivation related infrastructure and material. Trash, refuse, and solid waste shall be disposed of at an appropriate waste disposal location. Native grasses surround the cultivation site and will eventually spread vegetatively through rhizomes below the soil, and via seed production. However, revegetation of the site with native grasses is recommended per the following Revegetation Plan. Timberland Resource Consultants has been retained to prepare the Site Management Plan, which will further assess and address restoration of the sites and potential decommissioning of the access roads leading to them.

Revegetation Plan

Reseeding Methods: Reseeding is key to site restoration, especially at sites where understory vegetation or topsoil has been removed. Grasses are fast-growing and quickly provide vegetative cover to protect exposed soils from erosion. Native grasses are typically better adapted to site-specific climate and environmental conditions. Though reseeding is a simple practice, timing is important. Seeds should be planted during the wet seasons so soils are viable for seed germination. Planting during hot summer or early fall months can deprive seeds of necessary moisture.

Recommendation: Reseed the decommissioned cultivation site and all additional areas of disturbed soil with a native grass seed mix. Manually distribute seed mix evenly across the site during late fall, winter, or early spring and follow any specific instructions accompanying seed mix. No equipment use or seed burial is required. Some areas will have begun to naturally revegetate; if a given area has more than 75% ground cover, no reseeding is necessary. Though the seed mix may vary, the RPF recommends the

following:

Native Erosion Control Mix

Species Content:

- Bromus carinatus, California Brome
- Elymus glaucus, Blue Wildrye
- Festuca microstachys, Small Fescue
- Trifolium willdenovii, Tomcat Clover

"This grass mixture features California native grasses that are acclimated to varying conditions around our state. Typically, this mix will grow 2 to 3 ft tall given normal soil conditions and normal rainfall patterns. On shallow soils, there is potential for vegetative cover if there is adequate resources to sustain 24 to 36 inches of annual reseeding vegetation. This mix can be modified with the addition of other species including wildflowers."

This seed mix can be purchased from Pacific Coast Seed in Livermore, California, on the following website: <http://store.pcseed.com/product/UNative-Erosion-Control-Mix.aspx>

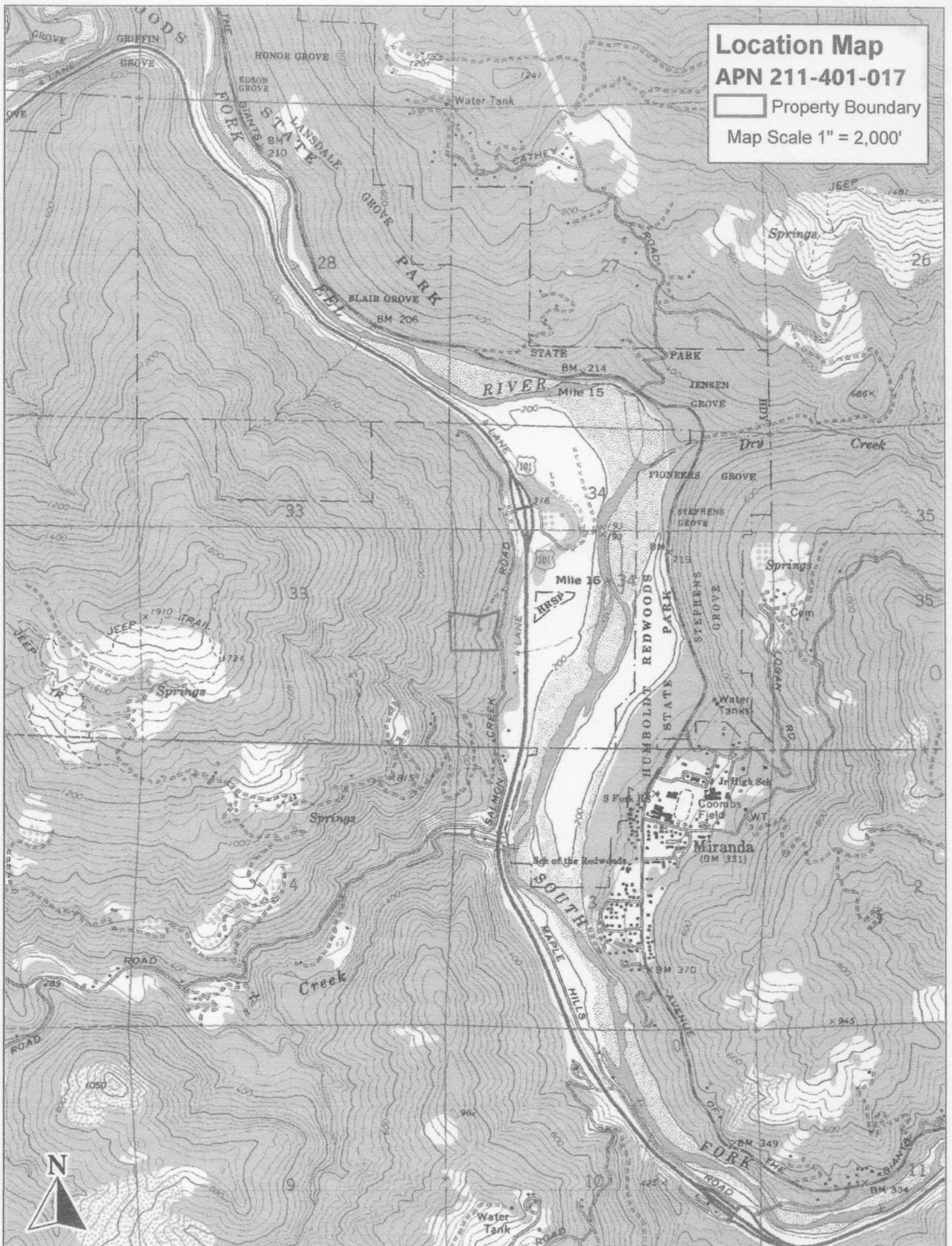
Straw Mulching: Straw mulching can be used to protect newly sown seeds from wind and high precipitation events as well as stabilize exposed soils. Humboldt County proposes straw mulching all areas of disturbed soils to prevent potential erosion.

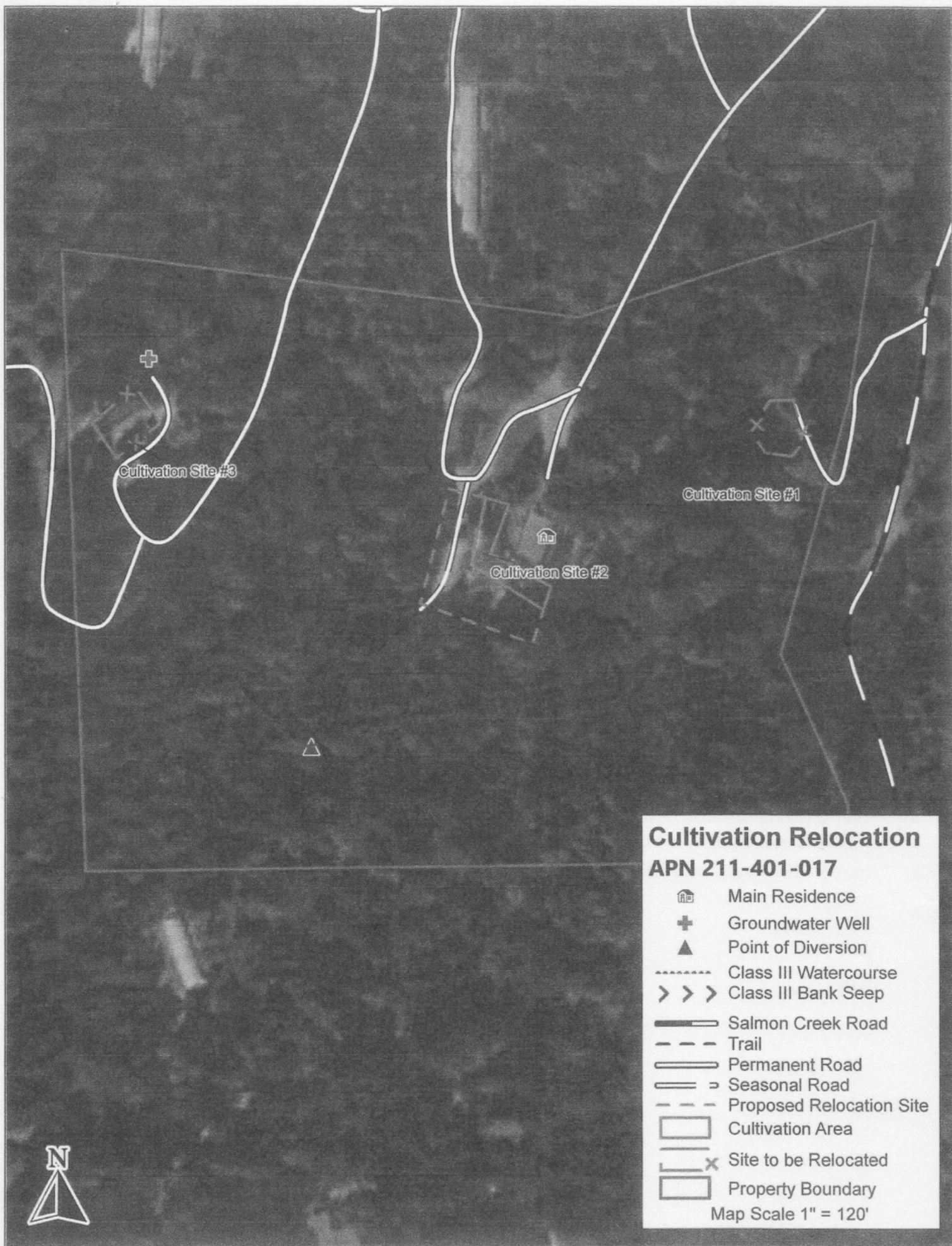
Recommendation: After reseeding, apply straw mulch to the decommissioned cultivation site and all additional areas of disturbed soil at one bale per 800 square feet. Some areas will have begun to naturally revegetate; if a given areas has more than 75% ground cover, no mulching is necessary. See NRCS Straw Mulching guidelines for more instructions.

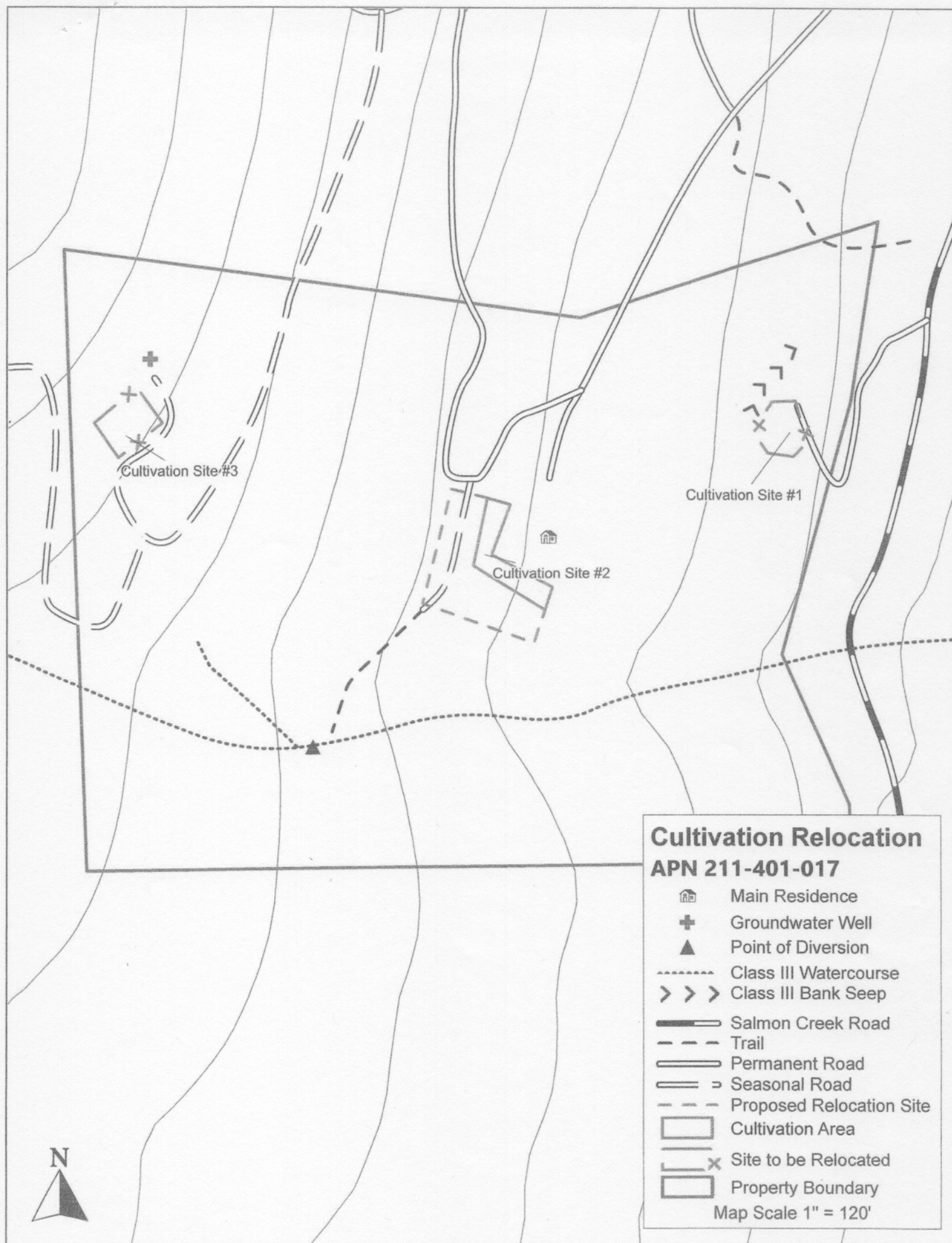
Sincerely,



Chris Carroll, RPF #2628
Timberland Resource Consultants









APPS #12920

1 message

Timberland Resource Consultants <trc@timberlandresource.com>

To: RYandell@co.humboldt.ca.us, cannabis@co.humboldt.ca.us

Cc: joellen.mcchesney@gmail.com, curlyhum8@gmail.com

Tue, Oct 29, 2019 at 4:18 PM

Attached is a Relocation Letter prepared by TRC for APPS #12920. Please contact our office if you have any questions.

Thank you,

Laurie Kepon

Timberland Resource Consultants

165 S. Fortuna Blvd.

Fortuna, CA 95540

707-725-1897

 Relocation Letter_APPS #12920.pdf
3914K

ATTACHMENT 4

REFERRAL AGENCY COMMENTS AND RECOMMENDATIONS

The project was referred to the following referral agencies for review and comment. Those agencies that provided written comments are checked off.

Referral Agency	Response	Recommendation	Location
Building Inspection Division	✓	Approval	Attached
Division Environmental Health	✓	Approved	On file with Planning
Public Works, Land Use Division	✓	Conditional Approval	Attached
Miranda Fire Protection District		No Response	
California Department of Fish & Wildlife		No Response	Attached – Planning staff request for comments
Northwest Information Center	✓	Further Study	On file and confidential
Bear River Band of the Rohnerville Rancheria	✓	Conditional Approval	On file and confidential
Intertribal Sinkyone Wilderness Council		No Response	
Humboldt County Sheriff		No Response	
Humboldt County Agricultural Commissioner		No Response	
Humboldt County District Attorney		No Response	
Southern Humboldt Joint Unified School District		No Response	
North Coast Unified Air Quality Management District		No Response	
North Coast Regional Water Quality Control Board		No Response	
State Water Resources Control Board – Division of Water Rights		No Response	



DEPARTMENT OF PUBLIC WORKS
COUNTY OF HUMBOLDT
MAILING ADDRESS: 1106 SECOND STREET, EUREKA, CA 95501-0579
AREA CODE 707

ON-LINE
WEB: CO.HUMBOLDT.CA.US

PUBLIC WORKS BUILDING
SECOND & L ST., EUREKA
FAX 445-7409

ADMINISTRATION	445-7491	NATURAL RESOURCES	445-7741
BUSINESS	445-7652	NATURAL RESOURCES PLANNING	267-9540
ENGINEERING	445-7377	PARKS	445-7651
FACILITY MANAGEMENT	445-7493	ROADS	445-7421

CLARK COMPLEX
HARRIS & H ST., EUREKA
FAX 445-7388

LAND USE	445-7205
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LAND USE DIVISION INTEROFFICE MEMORANDUM

TO: Rodney Yandell, Planner, Planning & Building Department

FROM: Kenneth M. Freed, Assistant Engineer

DATE: 09/06/2019

RE:

Applicant Name	CHRISTOPHER CAMERON
APN	211-401-017
APPS#	PLN-11005-CUP

The Department has reviewed the above project and has the following comments:

- ☒ The Department's recommended conditions of approval are attached as **Exhibit "A"**.
- ☐ Additional information identified on **Exhibit "B"** is required before the Department can review the project. **Please re-refer the project to the Department when all of the requested information has been provided.**
- ☐ Additional review is required by Planning & Building staff for the items on **Exhibit "C"**.
No re-refer is required.
- ☐ *Road Evaluation Reports(s)* are required; See **Exhibit "D"**

Note: Prior to requesting an applicant to submit a road evaluation report, verify if the project is exempt from meeting road system performance standards under CCLUO v2.0 sections 313-55.4.6.5.1 and 314-55.4.6.5.1, even if this box is checked.

No re-refer is required.

*Note: Exhibits are attached as necessary.

Additional comments/notes:

Salmon Creek Road in this location is listed on the "Approved List" in Exhibit "D".

// END //

Public Works Recommended Conditions of Approval

(All checked boxes apply)

APPS #11005

☒ COUNTY ROADS- FENCES & ENCROACHMENTS:

All fences and gates shall be relocated out of the County right of way. All gates shall be setback sufficiently from the County road so that vehicles will not block traffic when staging to open/close the gate. In addition, no materials shall be stored or placed in the County right of way.

This condition shall be completed to the satisfaction of the Department of Public Works prior to commencing operations, final sign-off for a building permit, or Public Works approval for a business license.

☐ COUNTY ROADS- DRIVEWAY (PART 1):

The submitted site plan is unclear and/or shows improvements that are inconsistent with County Code and/or Department of Public Works policies. The applicant is advised that these discrepancies will be addressed at the time that the applicant applies to the Department of Public Works for an Encroachment Permit. If the applicant wishes to resolve these issues prior to approval of the Planning & Building permit for this project, the applicant should contact the Department to discuss how to modify the site plan for conformance with County Code and or Department of Public Works policies. Notes:

☒ COUNTY ROADS- DRIVEWAY (PART 2):

Any existing or proposed driveways that will serve as access for the proposed project that connect to a county maintained road shall be improved to current standards for a commercial driveway. An encroachment permit shall be issued by the Department of Public Works prior to commencement of any work in the County maintained right of way. This also includes installing or replacing driveway culverts; minimum size is typically 18 inches.

- If the County road has a paved surface at the location of the driveway, the driveway apron shall be paved for a minimum width of 18 feet and a length of 50 feet.
- If the County road has a gravel surface at the location of the driveway, the driveway apron shall be rocked for a minimum width of 18 feet and a length of 50 feet.
- If the County road is an urban road, frontage improvements (curb, gutter, and sidewalk) shall also be constructed to the satisfaction of the Department. Any existing curb, gutter or sidewalk that is damaged shall be replaced.

The exact location and quantity of driveways shall be approved by the Department at the time the applicant applies to the Department of Public Works for an Encroachment Permit.

This condition shall be completed to the satisfaction of the Department of Public Works prior to commencing operations, final sign-off for a building permit, or Public Works approval for a business license.

☐ COUNTY ROADS- DRIVEWAY (PART 3):

The existing driveway will require substantial modification in order to comply with County Code. The applicant may wish to consider relocating the driveway apron if a more suitable location is available.

☐ COUNTY ROADS-PARKING LOT- STORM WATER RUNOFF:

Surfaced parking lots shall have an oil-water filtration system prior to discharge into any County maintained facility.

This condition shall be completed to the satisfaction of the Department of Public Works prior to commencing operations, final sign-off for a building permit, or Public Works approval for a business license.

☒ COUNTY ROADS- DRIVEWAY & PRIVATE ROAD INTERSECTION VISIBILITY:

All driveways and private road intersections onto the County Road shall be maintained in accordance with County Code Section 341-1 (Sight Visibility Ordinance).

This condition shall be completed to the satisfaction of the Department of Public Works prior to commencing operations, final sign-off for a building permit, or Public Works approval for a business license.

☐ COUNTY ROADS- PRIVATE ROAD INTERSECTION: (AT END OF COUNTY MAINTAINED RD)

Any existing or proposed non-county maintained access roads that will serve as access for the proposed project that connect to a county maintained road shall be improved to current standards for a commercial driveway. An encroachment permit shall be issued by the Department of Public Works prior to commencement of any work in the County maintained right of way.

- If the County road has a paved surface at the location of the access road, the access road shall be paved for a minimum width of 20 feet and a length of 50 feet where it intersects the County road.
- If the County road has a gravel surface at the location of the access road, the access road shall be rocked for a minimum width of 20 feet and a length of 50 feet where it intersects the County road.

This condition shall be completed to the satisfaction of the Department of Public Works prior to commencing operations, final sign-off for a building permit, or Public Works approval for a business license.

☐ COUNTY ROADS- ROAD EVALUATION REPORT(S):

All recommendations in the *Road Evaluation Report(s)* for County maintained road(s) shall be constructed/implemented to the satisfaction of the Public Works Department prior to commencing operations, final sign-off for a building permit, or approval for a business license. An encroachment permit shall be issued by the Department of Public Works prior to commencement of any work in the County maintained right of way.

// END //

From: [Meghan Ryan](#)
To: [Bauer, Scott@Wildlife](mailto:Bauer.Scott@Wildlife)
Cc: ["Johnson, Cliff"](#)
Subject: APPS #11005, Christopher Cameron, APN 211-401-017: PROJECTED HEARING DATE: JULY 1, 2021
Date: Wednesday, June 9, 2021 2:39:00 PM

Good afternoon, Scott- I hope you are doing well! I am reviewing the Christopher Cameron permit and I do not see any CDFW comments. The project description is the following:

A Special Permit for continued cultivation of 7,566 square feet (SF) cannabis cultivation of which 4,566 SF is full-sun outdoor and 3,000 SF is mixed-light with appurtenant drying and processing activities. Ancillary propagation occurs within three (3) 216 SF greenhouses, with additional propagation to occur within a portion of a proposed 4,000-square-foot metal building. Estimated annual water usage is 149,640 gallons. Irrigation water is sourced from a permitted onsite groundwater well. Existing available water storage is 23,500 gallons in a series of hard-sided tanks. All processing will occur onsite within the proposed metal building. No employees are currently used for cultivation operations. Power is provided by a generator.

Please let me know if CDFW has any questions or comments.

Best,
Meghan



Meghan Ryan
Planning Director
LACO Associates
Eureka | Ukiah | Santa Rosa | Chico
Advancing the quality of life for generations to come
707 443-5054
<http://www.lacoassociates.com>

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COUNTY OF HUMBOLDT
PLANNING AND BUILDING DEPARTMENT
CURRENT PLANNING
3015 H STREET, EUREKA, CA 95501 ~ PHONE (707) 445-7245

9/27/2019

Project Referred To The Following Agencies:

AG Commissioner, County Counsel, District Attorney, Environmental Health, Sheriff, PW Land Use, Building Inspections, FPD: Miranda, RWQCB, NCUAQMD, School District: Southern Humboldt JUSD, Cal Fish & Wildlife, CA Division of Water Rights, Bear River Band, Intertribal Sinkiyone Wilderness Council, NWIC

Applicant Name Christopher Cameron **Key Parcel Number** 211-401-017-000

Application (APPS#) PLN-11005-CUP **Assigned Planner** Rodney Yandell 707-268-3732

Please review the above project and provide comments with any recommended conditions of approval. To help us log your response accurately, please include a copy of this form with your correspondence.

Questions concerning this project may be directed to the assigned planner for this project between 8:30am and 5:30pm Monday through Friday.

County Zoning Ordinance allows up to 15 calendar days for a response. If no response or extension request is received by the response date, processing will proceed as proposed.

☐ If this box is checked, please return large format maps with your response.

Return Response No Later Than: 10/12/2019

Planning Clerk
County of Humboldt Planning and Building Department
3015 H Street
Eureka, CA 95501
Email: PlanningClerk@co.humboldt.ca.us **Fax:** (707) 268 - 3792

We have reviewed the above application and recommend the following (please check one):

- ☒ Recommend Approval. The department has no comment at this time.
- ☐ Recommend Conditional Approval. Suggested conditions attached.
- ☐ Applicant needs to submit additional information. List of items attached.
- ☐ Recommend Denial. Attach reasons for recommended denial.

Other Comments:

Notes in ACEL

DATE:

10/8/19

PRINT NAME:

Rudy Marenghe



HUMBOLDT COUNTY
PLANNING AND BUILDING DEPARTMENT ~ PLANNING DIVISION
3015 H STREET, EUREKA, CA 95501 ~ PHONE (707) 445-7245

PRE-SITE INVESTIGATION FORM

THIS IS NOT A PERMIT DOCUMENT

APPLICATION INFORMATION

Name Christopher Cameron
Address 1 PO Box 328 **Address 2**
City Garberville **State** CA **Zip** 95542

OWNERS NAME AND MAILING ADDRESS

Name Cameron Peter T **Email**
Address 1 Po Box 942 **Address 2**
City Cloverdale **State** CA **Zip** 95425

SITE INFORMATION

Parcel Number 211-401-017-000 **Application Number** PLN-11005-CUP
Street Address 2464 Salmon Creek Rd **City** Miranda **State** CA **Zip**

PRESITE INVESTIGATION

Project is already started	AOB Inspection
Soil report is required due to	Project appears to be within wet area
Project is in flood zone A per	FIRM panel number
Flood elevation certificate required	Is 2nd Flood Certificate Required?
Plans stamped by a licensed person required	SRA requirements apply
SRA water storage requirements apply	Lot created prior to 1992
Appr.SRA req. need to be shown on plot plan	Plot plan incomplete, must be revised No
Driveway slope appears to be	Submit engineered foundation for
Grading permit required	Applicant must locate property lines
Incomplete submittal Construction Plan	Other concerns exist No
Erosion and sediment control measures req.	

Inspector Notes

10/8/19 11005
-Plot plan and plan of operation appear correct
RM

QUESTIONS? Please contact the County of Humboldt Building Division